



2009 Surveillance Report

Louisiana Department of Health and Hospitals

Office of Public Health

Bureau of Family Health

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Preface

Since 1997, the Louisiana Pregnancy Risk Assessment Monitoring System (LaPRAMS) has served as a source of vital information needed to improve the health status of mothers and infants in Louisiana. We are pleased to present the 2009 LaPRAMS Surveillance Report, which is a compilation of LaPRAMS results for selected indicators.

LaPRAMS is a population-based survey of women delivering a live-born infant within a given calendar year. LaPRAMS data can be used by program planners, healthcare providers and public health leaders to design, implement and evaluate programs and services relevant to women and infants in Louisiana.

The current report highlights data for births occurring in 2009. In 2009, there were 63,132 live births satisfying the LaPRAMS inclusion criteria, of which 1,792 were sampled. Of this sample, there were 944 respondents, resulting in a 53% overall response rate (weighted). The LaPRAMS 2009 questionnaire is available in Appendix A. In Appendix B, subgroup analyses are presented by age, race, maternal education, marital status, infant birth weight and Medicaid status. More information on sampling design and response rates can be found on pages 3-4 and in Appendix C.

More information about PRAMS can be found at www.cdc.gov/prams or under “Maternal and Child Health” at <http://www.dhh.la.gov/index.cfm/page/936>.

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PRAMS Methodology

Sampling

Birth certificates are the source of the sample in Louisiana. Currently, the strata used in sampling are birth weight and geographic region (urban versus rural parish of residence based on US census data). From program inception through the 2010 birth year, birth weight has been categorized as VLBW (less than 1,500 grams) and normal/low (1,500 grams or more), with over sampling of VLBW. Vital Statistics staff members perform a weekly sample selection from all birth certificates received in a given week. This sampling allows for the placement of infants into the four strata. All infants will be eligible for inclusion in the monthly sampling frame only once. Infants who were either born out-of state, born to an out-of-state resident, or were born more than six months before the sampling date are excluded from the sampling frame. Infants born less than two months before the sampling date are set aside for inclusion in the next sampling frame. In cases of multiple births, the program selects only one infant for inclusion on the sampling frame. On the first Monday of each month, weekly sampling files are merged and the monthly sample is provided to Louisiana PRAMS to begin data collection. Beginning with the 2011 birth year, all birth records will be filed electronically in Louisiana. As part of advances in the new electronic birth registration system, Vital Statistics staff members will perform a monthly sample selection from all birth certificates, thereby replacing the previous weekly sample selection. As part of continued efforts to align MCH program priorities with the collection and analyses of PRAMS data, Louisiana PRAMS shifted the birth weight stratification from very low birth weight and low/normal birth weight to LBW (less than 2,500 grams, including the previously defined strata of VLBW) and normal birth weight (2,500 grams or more) beginning with 2011 births. This shift may help identify modifiable risk factors for small infants, increase overall response rates, as well as increase consistency with the MCH program needs of the state.

Operations

Each month, a “batch” or sample is imported into the PRAMS tracking software (PRAMTrac). Each batch follows a 90-day cycle of scheduled mailings, which are timed to elicit the best response rates possible. An introductory letter (preletter) is mailed the day after the sample is loaded. On day nine, the survey packet is mailed (mail one) to allow for post office returns due to insufficient or incorrect addresses. The survey packet includes a cover letter, a survey booklet, a question and answer brochure about PRAMS, a resource list of phone numbers for mothers, a postage-paid return envelope and an incentive. The cover letter provides an explanation of the project, the project coordinator’s contact information, a local IRB contact person for mothers if they have any questions regarding their rights as participants, and a toll-free number to call in order to complete the survey by phone or to have any questions answered. Currently, a children’s music CD is included as an incentive in the first mailing packet. For those mothers whose infants have died, an infant mortality awareness pin is included as an incentive to complete the mailing. A reminder letter (tickler), and second and third survey packets (Mail Two and Mail Three) are mailed on days twenty-one, thirty-five and forty-nine, respectively. As

surveys are returned to the Louisiana PRAMS office, they are logged into the PRAMTrac database. Telephone follow-up begins on day sixty-three and continues until day ninety and is attempted only for those mothers who have not responded by day sixty-three. Several methods are used in order to identify possible phone numbers for those women entering the telephone phase. Additionally, phone calls are attempted at least 15 times, according to protocol, and are made at varying times of the day and evening in order to increase the probability of contacting the sample members.

Data Analysis and Dissemination

Each year, a state analysis plan is developed by the Louisiana PRAMS Analytic Work Group. This plan is based on the Healthy People 2020 goals and objectives relating to MCH, expressed analytic needs of the Louisiana MCH program, concerns of the Louisiana PRAMS steering committee, and analytic interests of the analysis working group. This plan is ultimately approved jointly by the MCH Management Team and the PRAMS Analytic Work Group. The plan outlines a timeline for work on specific topics and is divided into topic-based analyses and data quality analyses. Additional analyses occur in response to data requests made by MCH Program staff and other researchers. As previously discussed, data dissemination occurs on a statewide and national basis. Current dissemination activities include data presentations at national meetings and articles written in statewide publications. The Louisiana PRAMS Surveillance Report is the project's regular publication. This annual publication reflects the results of data collection for the most recent available year of data.

Special Note about Louisiana PRAMS Response Rates

It is important to remember that while PRAMS samples potential respondents and data are weighted to be reflective of all Louisiana moms delivering a live-born singleton, twin, or triplet in Louisiana, the Centers for Disease Control and Prevention (CDC) recommends a response rate of at least 65% for data to be considered representative of the population. Because Louisiana did not meet this minimum threshold for 2009 births, data should be interpreted with caution. It is recommended that data be used as a guideline for program activities, understanding that the data represent estimates of population behavior and experiences.

Executive Summary

Family Planning

- 67% of pregnant moms asserted they were not trying to become pregnant but over half (55%) reported not doing anything to keep from getting pregnant.
- Of the women who reported not engaging in a contraceptive method to prevent an unintended pregnancy, the most common reasons were: they didn't mind becoming pregnant (40%), thought they could not become pregnant at that time (29%), and had a husband or partner who did not desire to use contraception (18%).
- Although 62% of respondents reported never taking a multivitamin prior to becoming pregnant, the majority of all respondents (70%) reported at least hearing about folic acid and its benefits

Prenatal Care

- Greater than three-fourths (84%) of mothers responded that they received prenatal care during the first trimester and less than 2% of mothers responded not receiving any prenatal care throughout their pregnancy.
- Most women reported receiving prenatal care through a hospital clinic or HMO (67%) and 60% reported receiving supplemental nutrition assistance through the WIC program.
- 69% of women reported receiving a HIV test while 12% did not know; On the other hand, 89% of women who received HIV counseling, responded that they received a HIV test.

Prenatal Risk Factors

- The top three health complaints reported during pregnancy were: severe nausea (36%), kidney/bladder infection (24%), and pre-term labor (21%).
- 35% of women reported smoking in the last 2 years. Slightly fewer women reported smoking three months before pregnancy (31%). Only 14% of women smoked cigarettes during the last 3 months of pregnancy, however, 22% of women reported currently smoking cigarettes.
- Most women (66%) reported consuming an alcoholic beverage in the last 2 years, 53% reported consuming an alcoholic beverage 3 months prior to pregnancy and more than 7% consumed at least one drink during the last 3 months of pregnancy.

Infant Care and Infant Health

- 95% of mothers took their infant to a practitioner within the first week of birth to have an exam as a part of a "Well Baby" check-up.
- Only 63% of women reported breastfeeding their infant any time after delivery and of the mothers who chose not to breastfeed, 48% reported they did not want to.
- Over half (60%) of respondents reported that their new baby is put to sleep most often on his/her back.
- 8% of mothers responded that their new baby is exposed to smoke at least for an hour daily.

Insurance and Income

- 43% reported the insurance type before pregnancy was mainly paid by their job or that of a husband, partner, or parents. While those who checked Medicaid or LaMoms were about a third of respondents (28%).
- 86% of mothers relied on only one source of insurance for prenatal care and delivery; the most common insurance plan used was Medicaid/LaMoms.
- Most women reported that their total household income before taxes was either less than \$10,000/yr (29%) or greater than \$50,000/yr (27.2%), with 2-3 people (62.1%), including themselves, depending on this income.

Key Terms

Maternal Race

Non-Hispanic White
Non-Hispanic Black
Other (including: American Indian,
Japanese, Filipino, Hawaiian, other
non-White, other Asian, and
Hispanic)

Maternal Age (in years)

Less than 20 (<20)
20-29
30 and older (30+)

Maternal Education

Less than High School (<HS)
High School Graduate (HS)
More than High School (HS+)

Marital Status

Married
Other (including: Never married,
separated, widowed, and divorced)

Medicaid Coverage

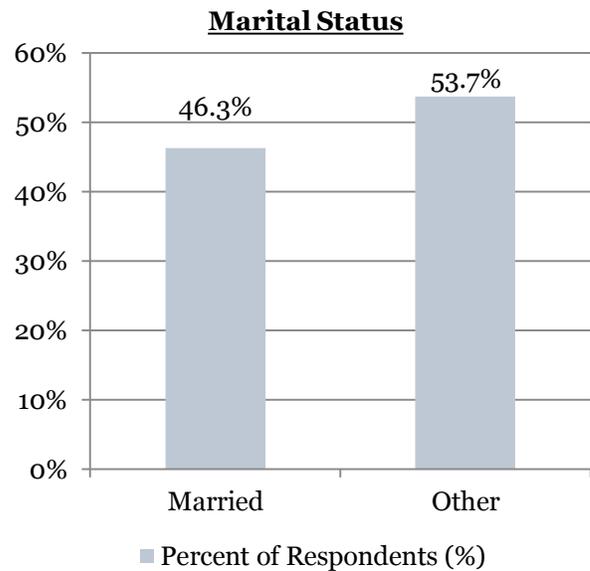
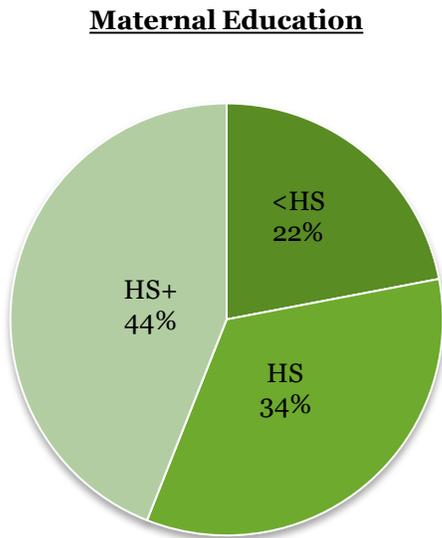
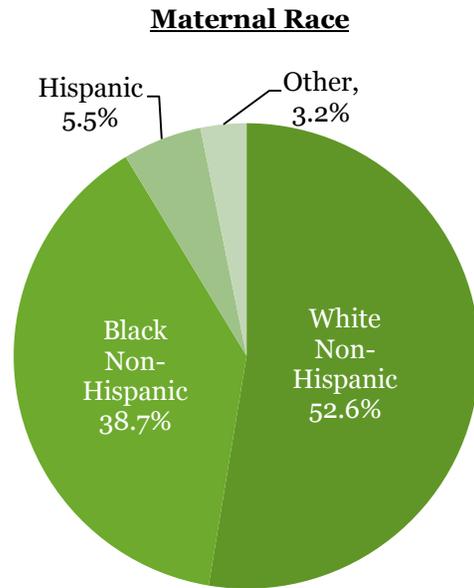
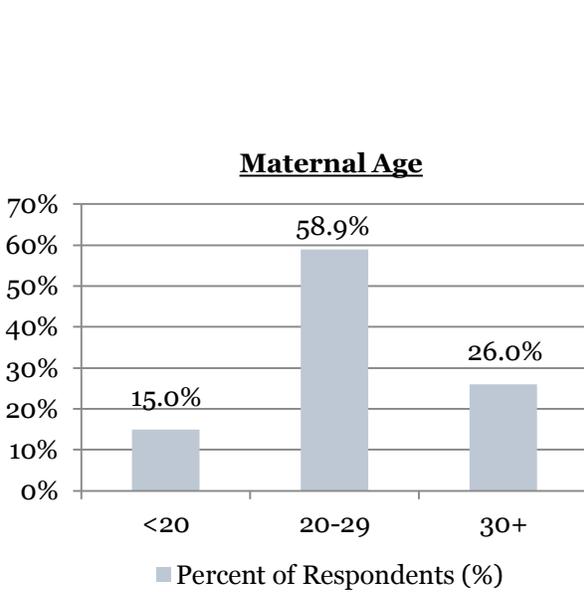
At Preconception
At Delivery
Neither

Infant Birth Weight

Low Birth Weight (LBW)
Normal Birth Weight (NBW)

Maternal Demographics

Maternal demographic characteristics, including maternal age, race, ethnicity, education, and marital status were obtained from the birth certificate as part of the national PRAMS agreement. All other information came from maternal self-report on the PRAMS questionnaire.



Family Planning



*“All mothers or soon to be mothers should have a plan
before getting pregnant”*

LaPRAMS 2009 respondent

Pregnancy Intention

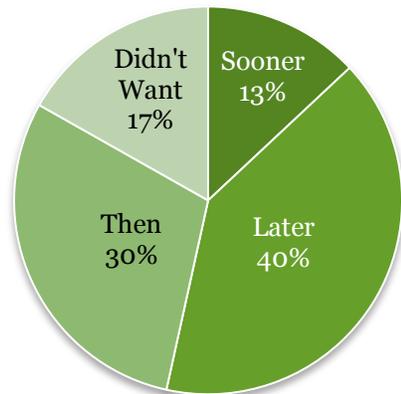
PRAMS asks (Q14):

Thinking back to *just before* you got pregnant with your *new* baby, how did you feel about becoming pregnant.

	Percent (%)	95% CI
Sooner	13.0	{10.3, 15.7}
Later	40.4	{36.3, 44.4}
Then	29.7	{26.0, 33.4}
Didn't want	16.8	{13.7, 19.8}

n = 919

Feelings about pregnancy



Mothers who wanted to be pregnant *sooner* or *then* represent an intended pregnancy (43%); those who wanted to be pregnant *later* or *did not want* to be pregnant represent an unintended pregnancy (57%).

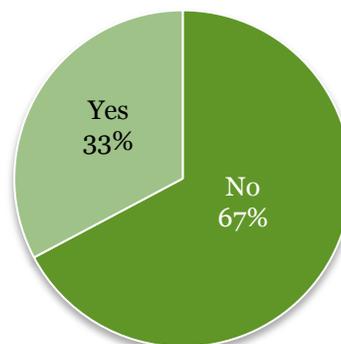
PRAMS asks (Q15):

When you got pregnant with your new baby, were you trying to get pregnant?

	Percent (%)	95% CI
No	67.3	{63.5, 71.0}
Yes	32.7	{28.9, 36.4}

n = 924

Trying to become pregnant

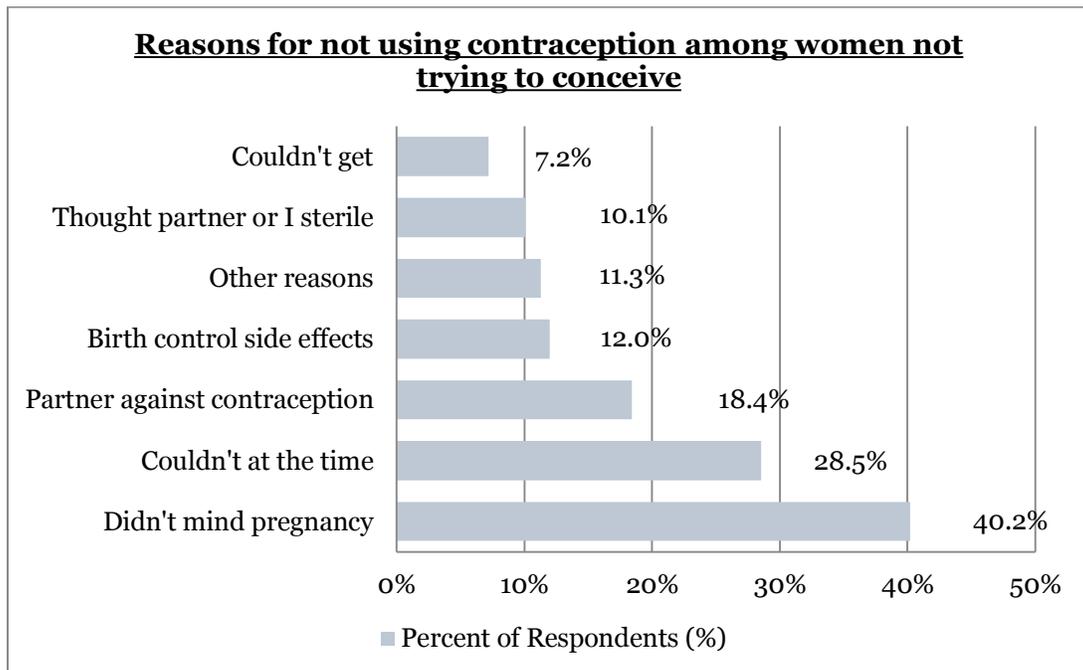


Prior Contraception Use

Of the 67% of mothers who reported not trying to get pregnant, 55% reported not using contraception to prevent an unintended pregnancy. (Q16 not shown)

PRAMS asks (Q17):

What were your or your husband's or partner's reasons for not doing anything to keep from getting pregnant?



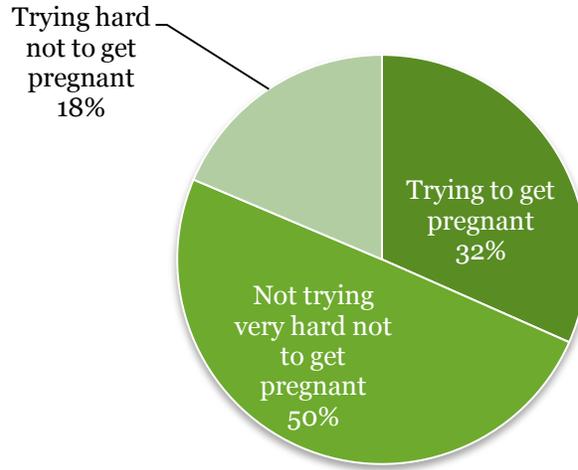
The most common reasons for not using a contraceptive method included: they didn't mind becoming pregnant (40%), thought they could not become pregnant at that time (29%), and had a husband or partner who did not desire to use contraception (18%).

Feelings Right Before Pregnancy

PRAMS asks (Q66/Q67):

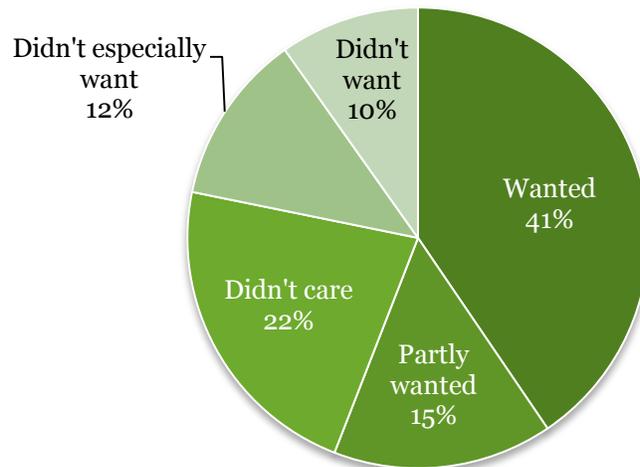
Which of the following statements best describes you during the *3 months before* you got pregnant with your new baby?

Respondent's feelings about pregnancy 3 months prior



While 18% of respondents reported actively trying not to become pregnant, 41% of them felt that their partner desired this pregnancy 3 months before they became pregnant with their new baby.

Partner's feelings about pregnancy 3 months prior



Previous Pregnancies

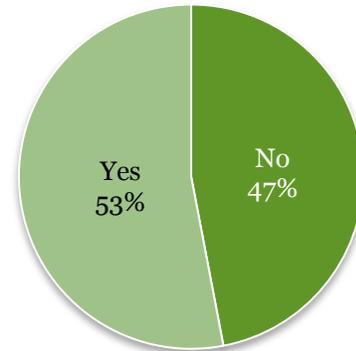
PRAMS asks (Q11):

Before *you* got pregnant with your new baby, did you ever have any other babies who were born alive?

	Percent (%)	95% CI
No	47.0	{42.9, 51.0 }
Yes	53.0	{48.9, 57.0}

n = 925

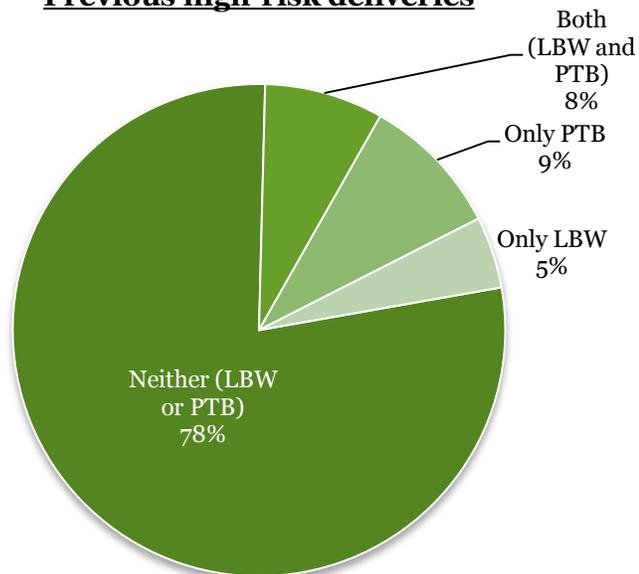
Previous live births



PRAMS asks (Q12-Q13):

- Did the baby born *just before* your new one weigh *more* than 5 pounds, 8 ounces (2.5 kilos) at birth?
- Was the baby *just before* your new one born *more* than 3 weeks before its due date?

Previous high-risk deliveries



Out of the 469 respondents who have had a previous live birth, 22% reported that birth to be high-risk due to Low Birth Weight (LBW), Preterm Birth (PTB), or both.

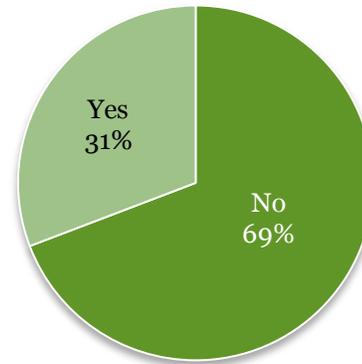
Preconception Health

PRAMS asks (Q8):

Before you got pregnant with your new baby, did a doctor, nurse, or other health care worker talk with you about how to prepare for a healthy pregnancy and baby?

	Percent (%)	95% CI
No	69.2	{65.4, 73.0 }
Yes	30.8	{26.9, 34.5 }
n = 922		

Receive preconception advice from a practitioner



The majority of mothers who recently reported having a baby did not receive any information from a health practitioner about proper preparation for pregnancy before becoming pregnant.

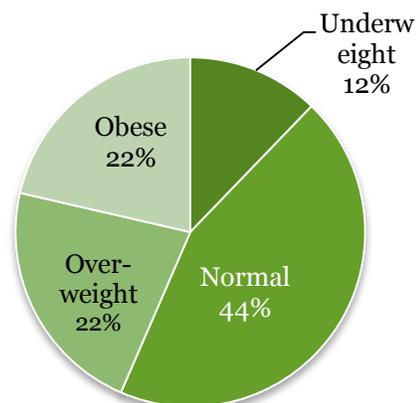
PRAMS asks (Q5/Q6):

Q5: Just *before* you got pregnant with your new baby, how much did you weigh?

Q6: How tall are you without shoes?

	Percent (%)	95% CI
Underweight (<18.5)	12.2	{9.5, 14.8 }
Normal (18.5-24.9)	44.3	{40.3, 48.3 }
Overweight (25-29.9)	22.1	{18.7, 25.4 }
Obese (30.0+)	21.4	{18.0, 24.6 }
n = 944		

Preconception BMI

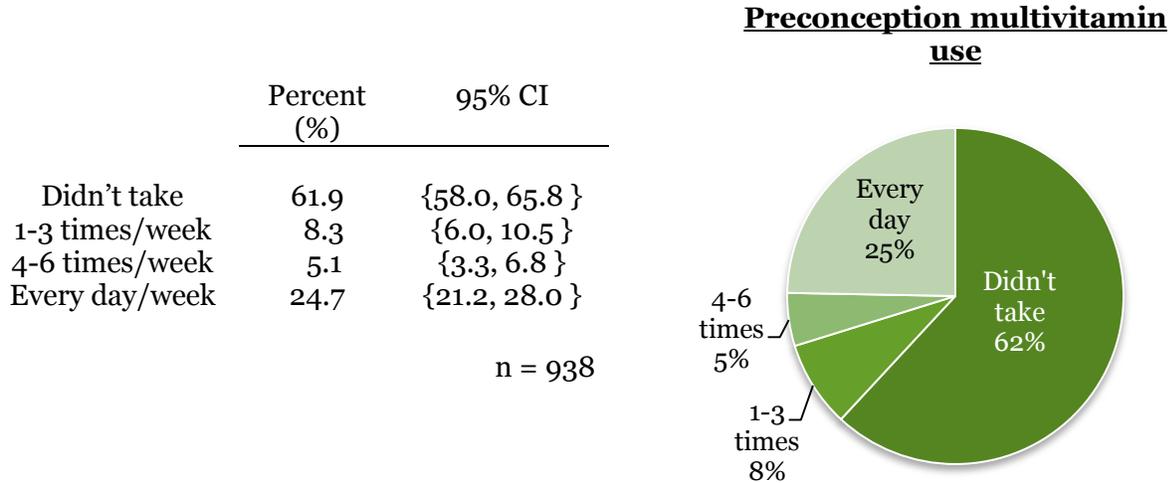


The Body Mass Index (BMI) scale combines height and weight to determine a more accurate gauge of an individual's actual size. Almost half (44%) of women were overweight or obese prior to becoming pregnant.

Preconception Vitamin Usage

PRAMS asks (Q3):

During the *month before you* got pregnant with your new baby, how many times a week did you take a multivitamin, a prenatal vitamin, or a folic acid vitamin?



Multivitamins are pills that contain many different vitamins and minerals. Although 62% of respondents reported never taking a multivitamin prior to becoming pregnant, the majority of all respondents (70%) reported at least hearing about folic acid and its benefits. (PRAMS Q27)

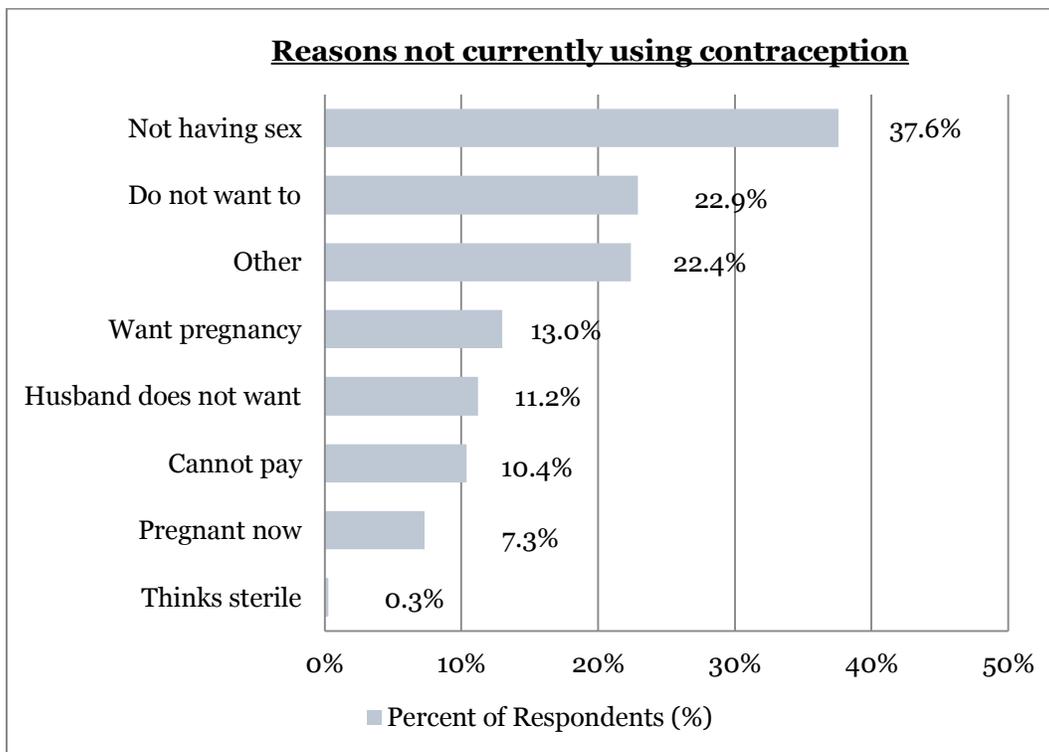
Postpartum Contraception Use

PRAMS asks (Q63/Q64): Are you or your husband or partner doing anything *now* to keep from getting pregnant?
 (Note: infants are 2-6 months of age at time of survey)

	Percent (%)	95% CI
No	13.3	{10.4, 16.0}
Yes	86.7	{83.9, 89.5}

n = 918

13% of women reported that neither they nor their partner were practicing any method to keep from getting pregnant. Out of these respondents, the most common responses were: they were practicing abstinence, did not want to, and the reason was otherwise not listed.



Prenatal Care



“I had the best care possible but still lost triplets. I believe all mothers to be should have free prenatal care.”

LaPRAMS 2009 respondent

Initiation of Prenatal Care

PRAMS asks (Q18):

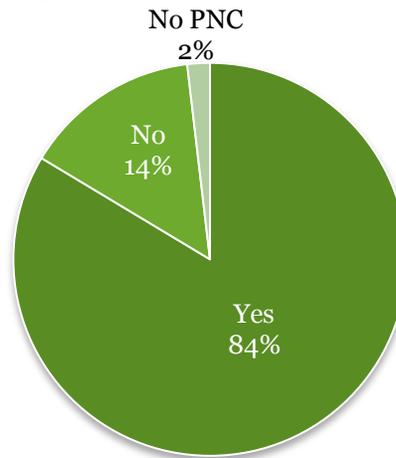
How many weeks or months pregnant were you when you had your first visit for prenatal care?
Do not count a visit that was only for a pregnancy test or only for W.I.C.

*Recoded to represent mothers who began prenatal care during the 1st trimester (1st 3 months of pregnancy).

	Percent (%)	95% CI
2 nd & 3 rd trimester	14.5	{11.5, 17.5}
1 st trimester	83.6	{80.4, 86.7}
No PNC	1.9	{0.6110, 3.0}

n = 931

Began prenatal care in 1st trimester



Greater than three-fourths (84%) of mothers responded that they received prenatal care during the first trimester and less than 2% of mothers responded not receiving any prenatal care throughout their pregnancy.

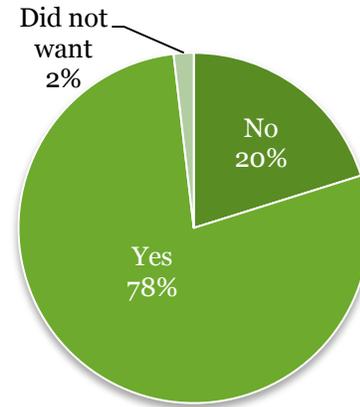
PRAMS asks (Q20):

Did you get prenatal care as early in your pregnancy as you wanted?

	Percent (%)	95% CI
No	20.2	{16.8, 23.4}
Yes	78.0	{74.5, 81.4}
Did not want	1.8	{0.6, 3.0}

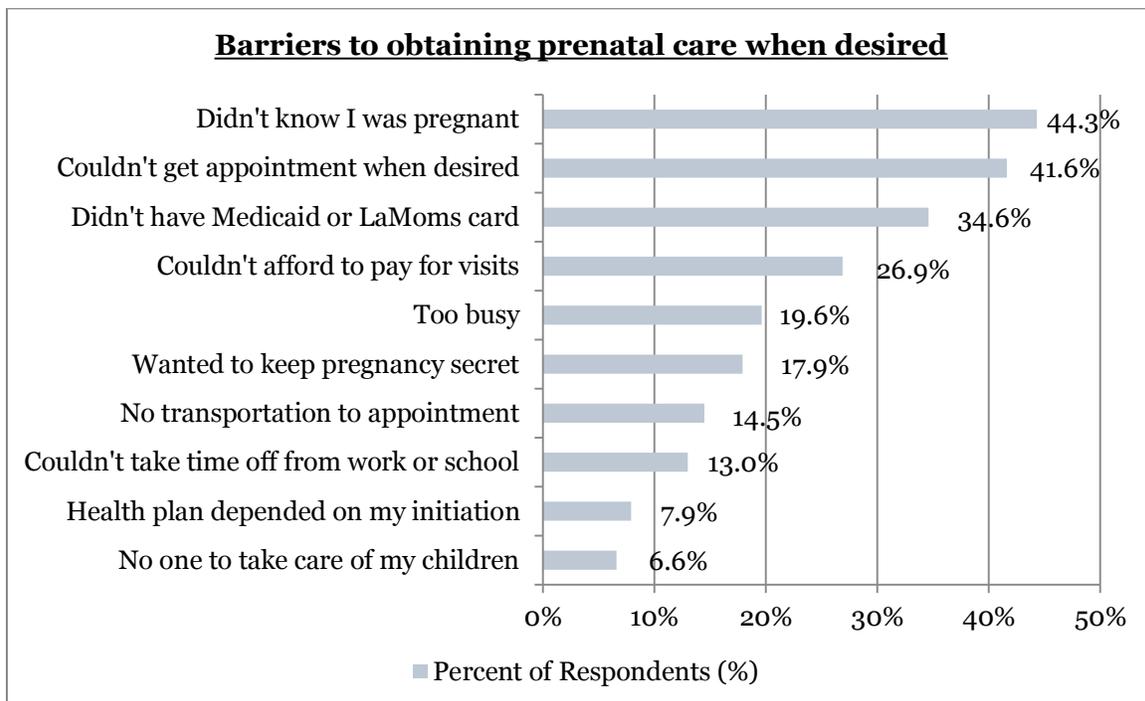
n = 936

Prenatal care obtained when desired



PRAMS asks (Q21):

Did any of these things keep you from obtaining prenatal care at all or as early as you wanted? For each item, circle T (True) if it was a reason or circle F (false) if it was not a reason.

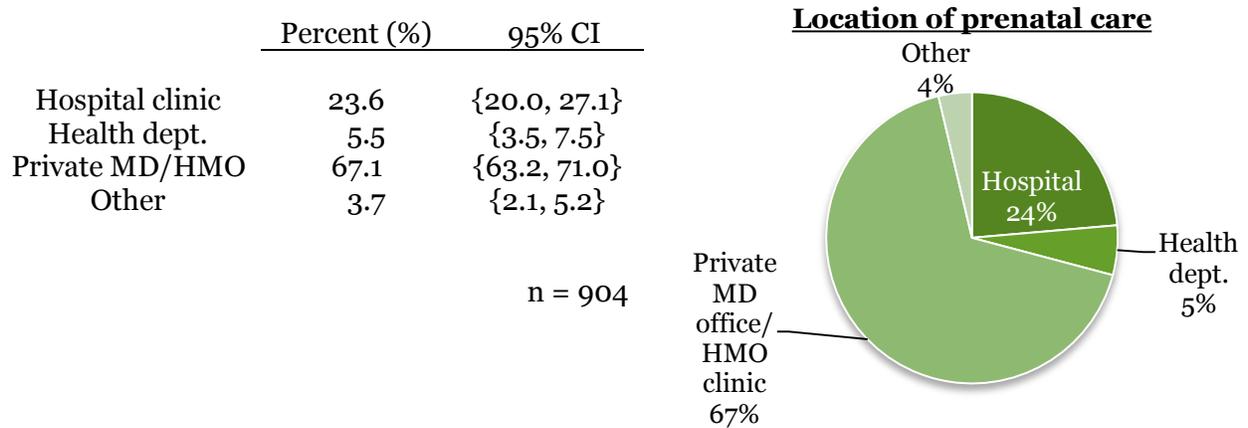


The majority of women (78%) received prenatal care when desired. For those who did not, the three most common reasons were: did not know they were pregnant, inability to obtain an appointment when desired, and did not have a Medicaid or LaMoms card.

Location of Prenatal Care

PRAMS asks (Q22):

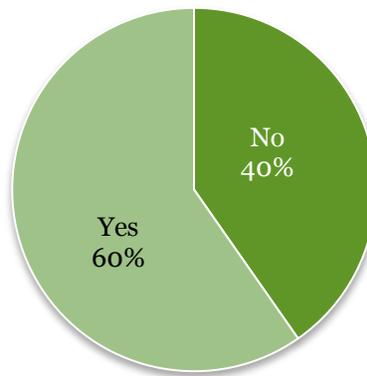
Where did you go *most of the time* for your prenatal visits? Do not include visits for WIC.



PRAMS asks (Q28):

During *your most recent* pregnancy, were you on WIC (the Special Supplemental Nutrition Program for Women, Infants, and Children)?

WIC recipient

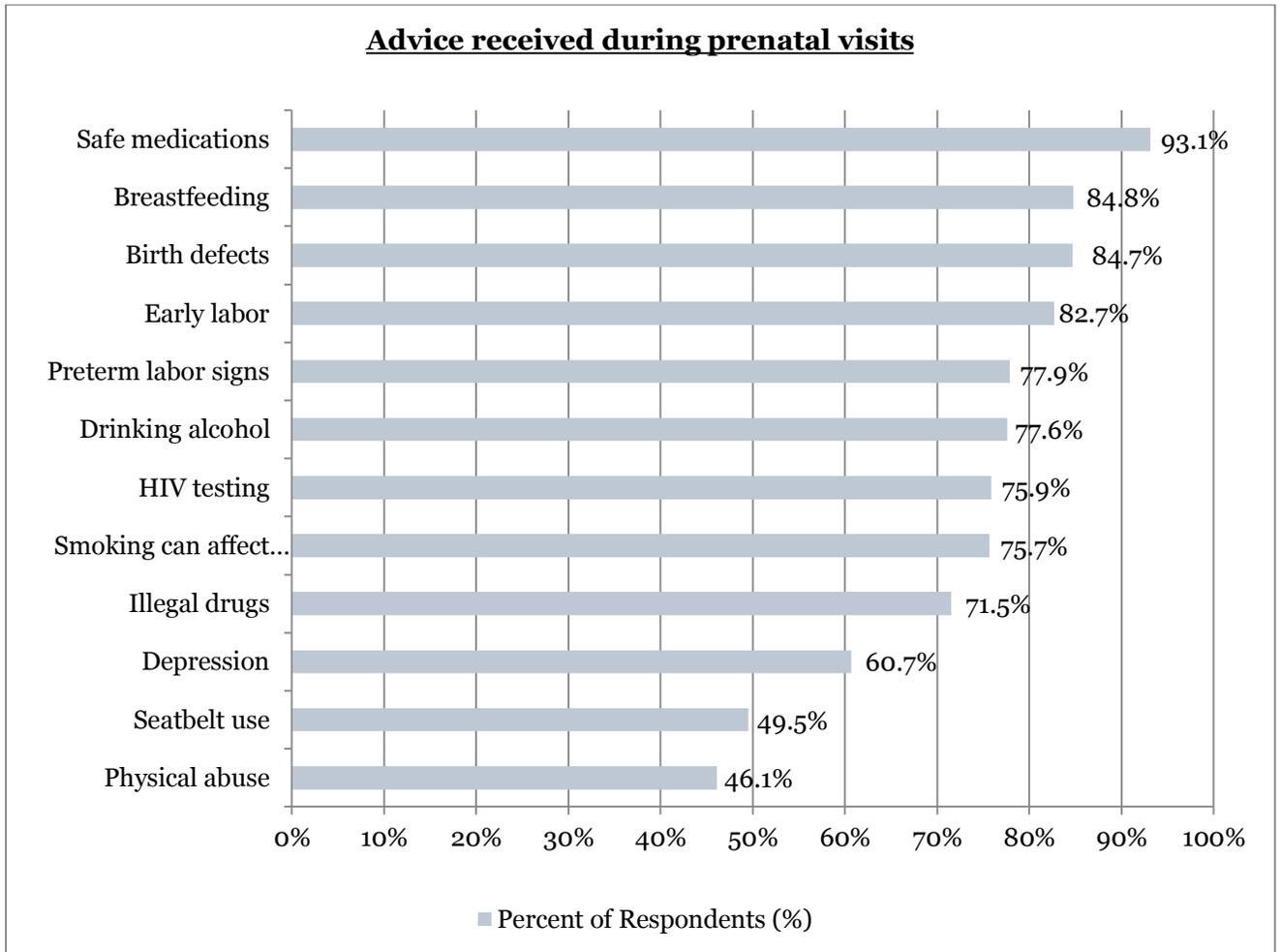


67% of respondents reported receiving prenatal care through a private MD or HMO; 60% reported receiving supplemental nutrition assistance through the WIC program.

Features of Prenatal Care Visits

PRAMS asks (Q24):

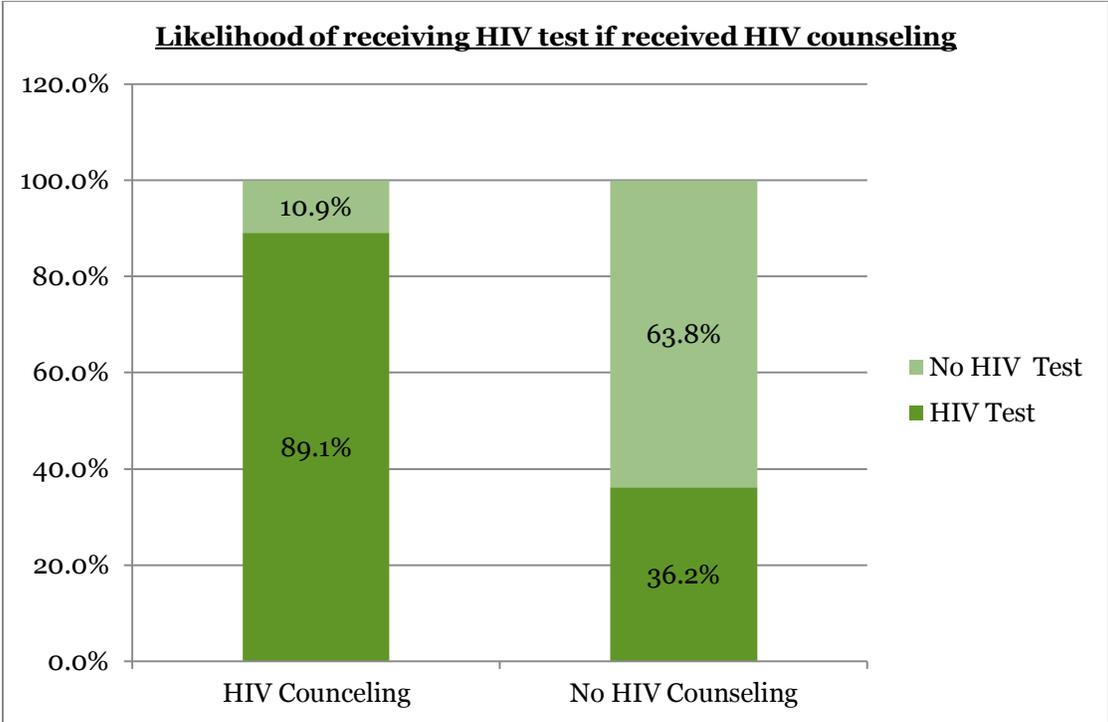
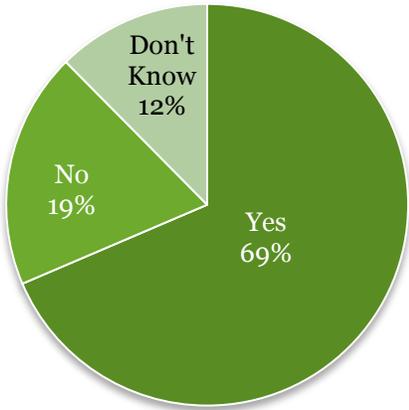
During any of your prenatal care visits did a doctor, nurse, or other health care worker talk with you about any of the things listed below?



Over 90% of women responded receiving information on Safe Medications (93%). On the other hand, less than half of women reported discussing Physical Abuse (46%) and Seatbelt Use (49%) in their prenatal care visits.

Tested for HIV

PRAMS asks (Q26): At any time during *your most recent pregnancy or delivery*, did you have a test for HIV (the virus that causes AIDS)?



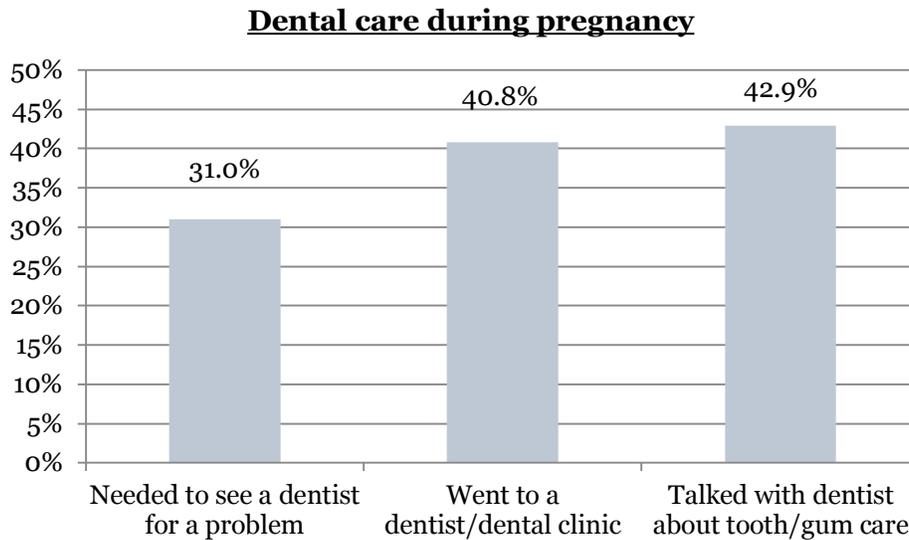
69% of women reported receiving a HIV test; however, results varied greatly depending on receipt of HIV counseling. 89% of women reported receiving HIV counseling and testing, yet only 36% of women who did not receive counseling were tested for HIV. (PRAMS Q24j)

Prenatal Dental Care

PRAMS asks (Q70):

This question is about the care of your teeth during your *most recent* pregnancy. For each item, circle Y (Yes) if it is true or circle N (No) if it is not true.

	Percent (%)	95% CI	n
Needed to see a dentist for a problem	31.0	{27.1, 34.9}	894
Went to a dentist/dental clinic	40.8	{36.7, 44.8}	901
Talked with dentist about tooth/gum care	42.9	{38.7, 46.9}	893



Prenatal Risk Factors



“Moms need to know what smoking and drinking and doing drugs during their pregnancy can do to their babies, a lot of moms think it’s harmless”

LaPRAMS 2009 respondent

Maternal Health Problems during Pregnancy

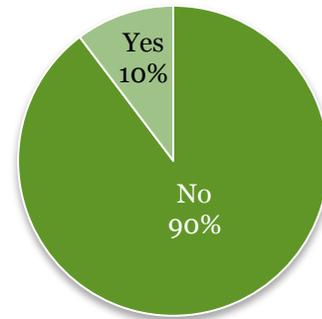
PRAMS asks (Q29):

During *your most recent* pregnancy, were you told by a doctor, nurse, or other health care worker that you had gestational diabetes (diabetes that started during *this* pregnancy)?

	Percent (%)	95% CI
No	89.7	{87.2, 92.2}
Yes	10.3	{7.7, 12.7}

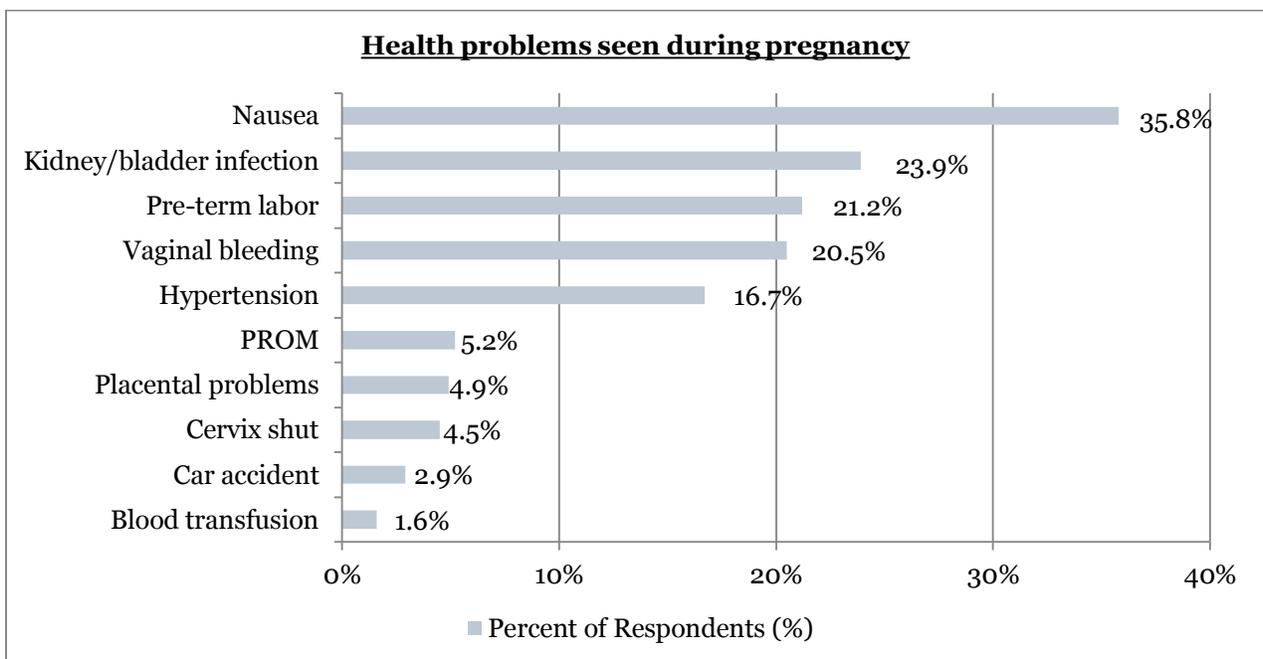
n = 916

Appearance of gestational diabetes



PRAMS asks (Q30):

Did you have any of the following problems during *your most recent* pregnancy? For each item, circle Y (Yes) if you had the problem or circle N (No) if you did not.



The top three health problems reported during pregnancy: severe nausea (36%), kidney/bladder infection (24%), and pre-term labor (21%).

Maternal Tobacco Use

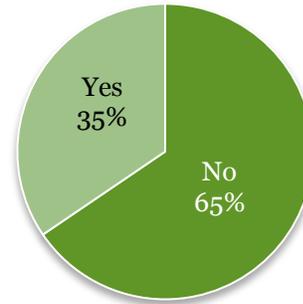
PRAMS asks (Q31):

Have you smoked any cigarettes in the past 2 years?

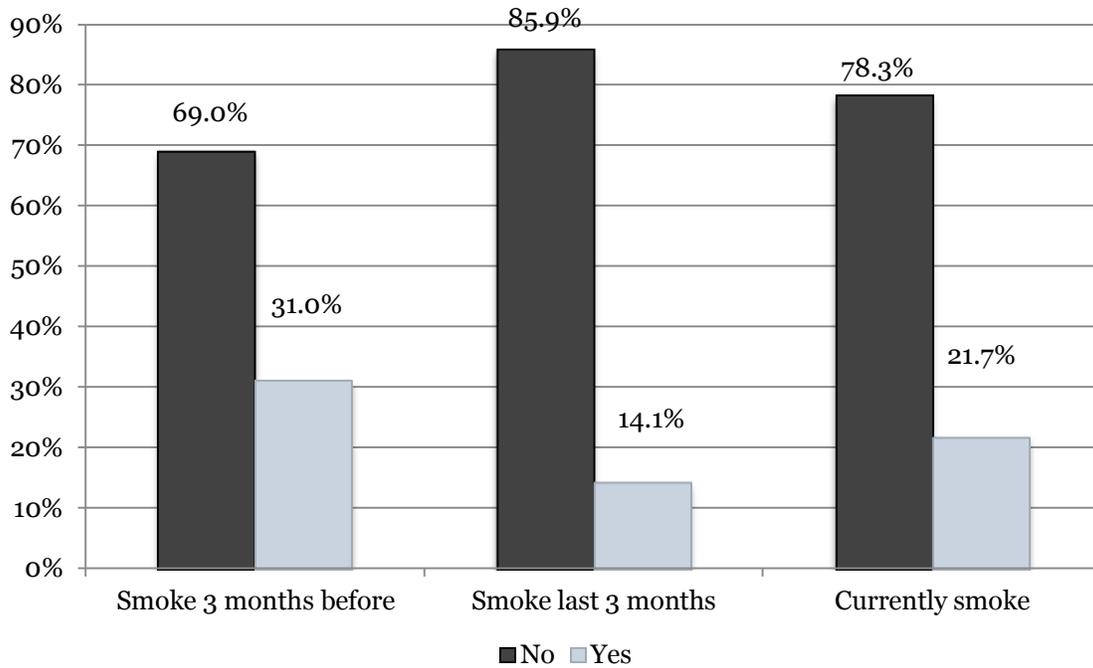
	Percent (%)	95% CI
No	65.5	{61.7, 69.3}
Yes	34.5	{30.6, 38.2}

n = 919

Smoked any cigarettes



Smoking status before, during, and after pregnancy



35% of women reported smoking in the last 2 years. Slightly fewer women reported smoking three months before pregnancy (31%). 14% of women smoked cigarettes during the last 3 months of pregnancy; however, 22% of women reported currently smoking cigarettes at the time of the survey. (Q32, Q33, & Q35)

Maternal Alcohol Use

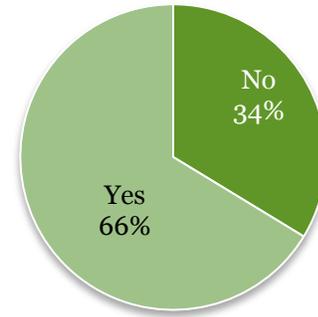
PRAMS asks (Q37):

Have you had any alcoholic drinks in the *past 2 years*? A drink is 1 glass of wine, wine cooler, can or bottle of beer, shot of liquor, or mixed drink.

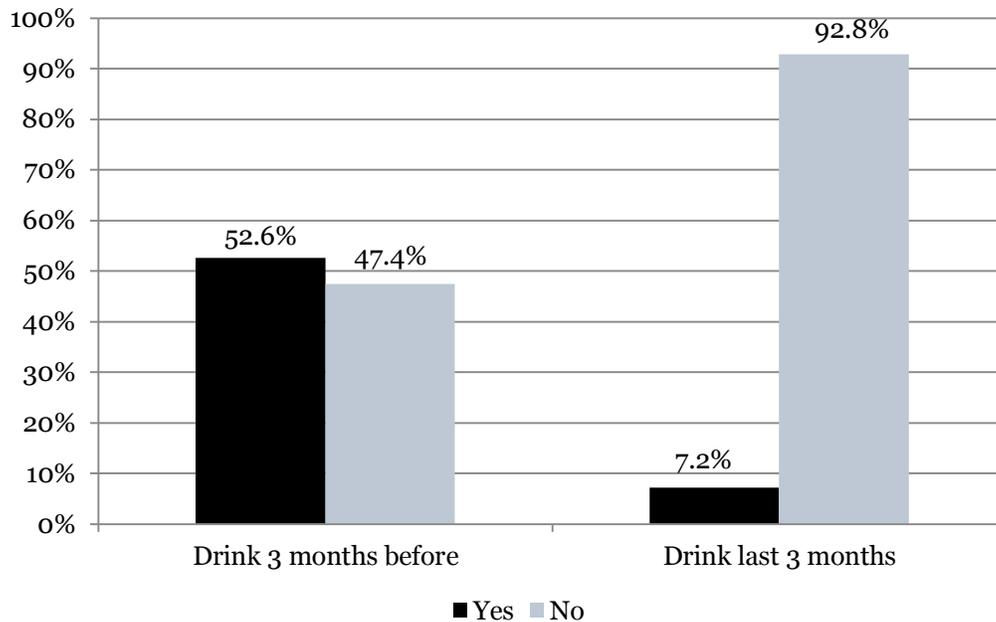
	Percent (%)	95% CI
No	33.7	{29.7, 37.6}
Yes	66.3	{62.3, 70.2}

n = 918

Consumed alcohol in past 2 years



Drinking status before and during pregnancy

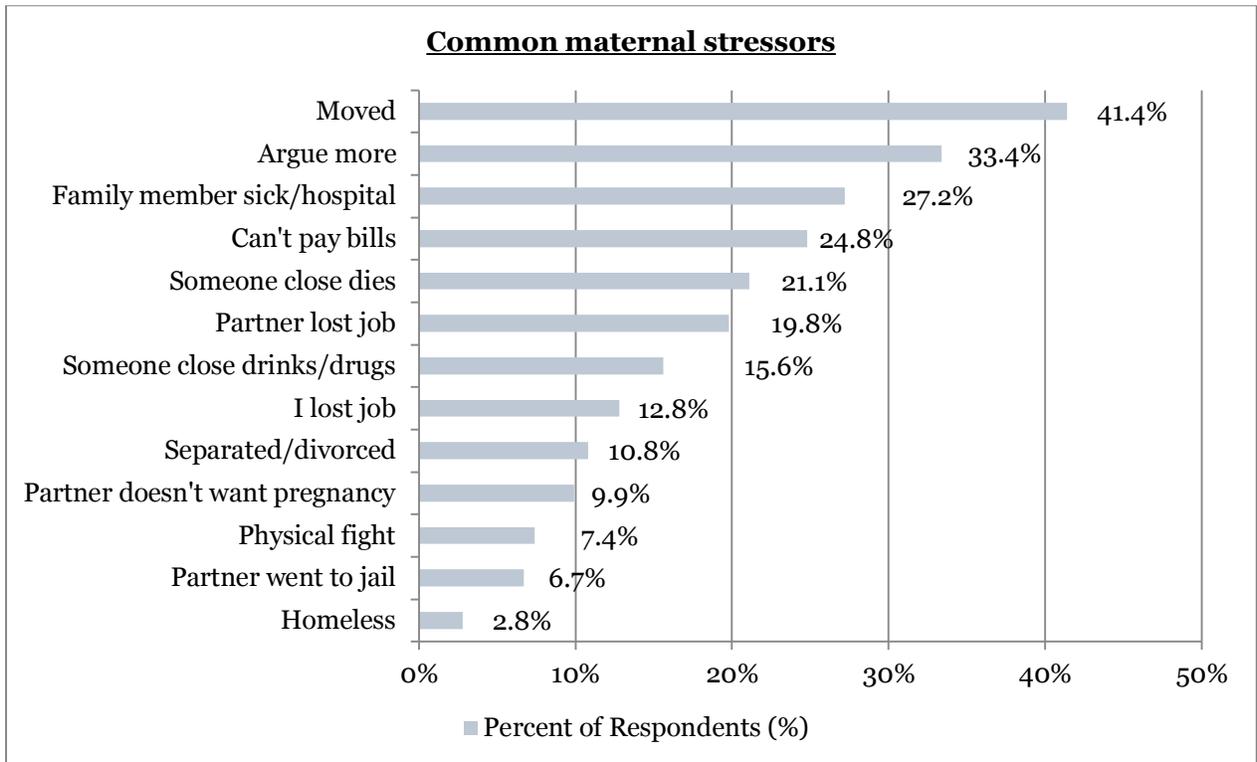


More than half of the women (66%) reported consuming an alcoholic beverage in the last 2 years, 53% reported consuming an alcoholic beverage 3 months prior to pregnancy and more than 7% consumed at least one drink during the last 3 months of pregnancy. (Q38a & Q39a)

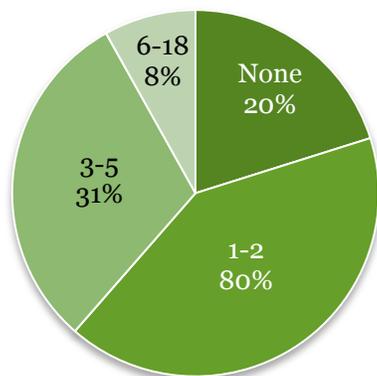
Maternal Stressors Prior to Delivery

PRAMS asks (Q40):

This question is about things that may have happened during the *12 months before* your new baby was born. For each item, circle Y (Yes) if it happened to you or circle N (No) if it did not. (It may help to look at the calendar when you answer these questions.)



Number of maternal stressors



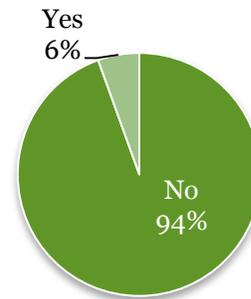
80% of respondents reported experiencing at least one stressor during the 12 months before their baby was born. The top three maternal stressors experienced were: moving, more arguments with husband/partner, and a family member was sick or hospitalized.

Physical Abuse Before and During Pregnancy

PRAMS asks (Q42):

During the *12 months before* you got pregnant with your new baby, did your husband or partner push, hit, slap, kick, choke, or physically hurt you in any other way?

Maternal abuse before pregnancy



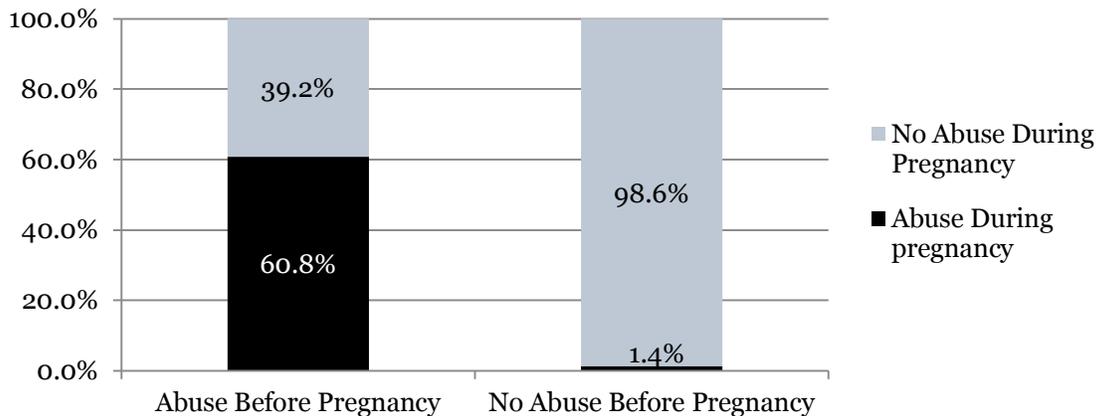
PRAMS asks (Q43):

During *your most recent* pregnancy, did your husband or partner push, hit, slap, kick, choke, or physically hurt you in any other way?

Maternal abuse during pregnancy



Likelihood of parental abuse if preconception abuse



61% of women who were abused before pregnancy indicated the abuse continued during pregnancy.

Infant Care and Infant Health



“Breastfeeding really does make babies, so much healthier. My son never cries, is always happy, and doesn’t have any health problems.”

LaPRAMS 2009 respondent

Newborn Experiences

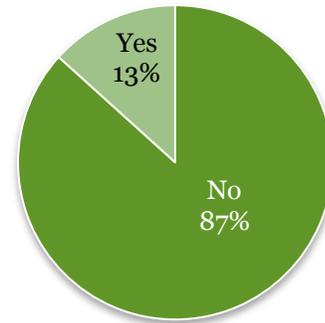
PRAMS asks (Q49):

After your baby was born, was he or she put in an intensive care unit?

	<u>Percent (%)</u>	<u>95% CI</u>
No	86.7	{84.0, 89.2}
Yes	13.3	{10.7, 15.9}

n = 921

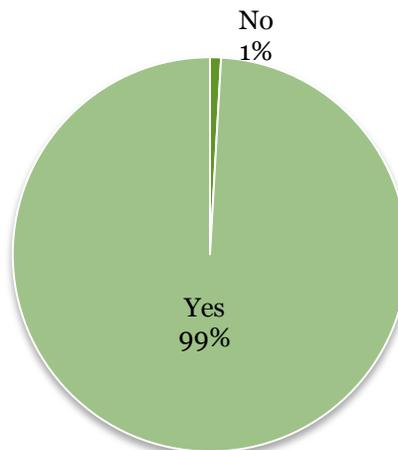
Placement in intensive care unit



PRAMS asks (Q51):

Is your baby alive now?

Baby currently living



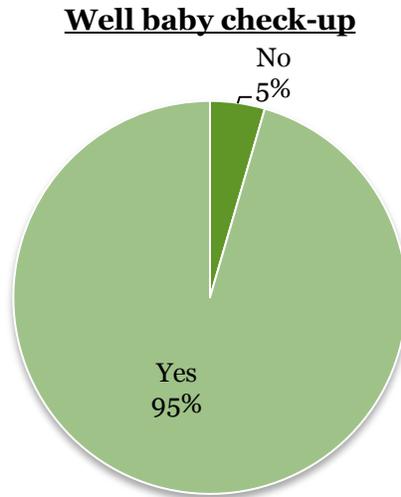
13% of respondents stated that their baby needed to be placed in intensive care and 10 out of 1000 mothers lost their infant after pregnancy.

PRAMS asks (Q62):

Was your new baby seen by a doctor, nurse, or other health care worker for a *one week check-up* after he or she was born?

	<u>Percent (%)</u>	<u>95% CI</u>
No	4.5	{2.8, 6.1}
Yes	95.5	{93.8, 97.1}

n = 804



95% of mothers took their infant to a practitioner within the first week of birth to have an exam as a part of a “Well Baby” check-up.

Breastfeeding Practices

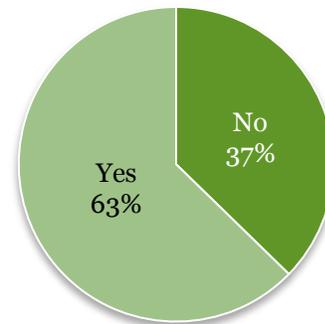
PRAMS asks (Q53):

Did you ever breastfeed or pump breast milk to feed your new baby after delivery even for a short period of time?

	Percent (%)	95% CI
No	37.3	{33.2, 41.3}
Yes	62.7	{58.6, 66.7}

n = 825

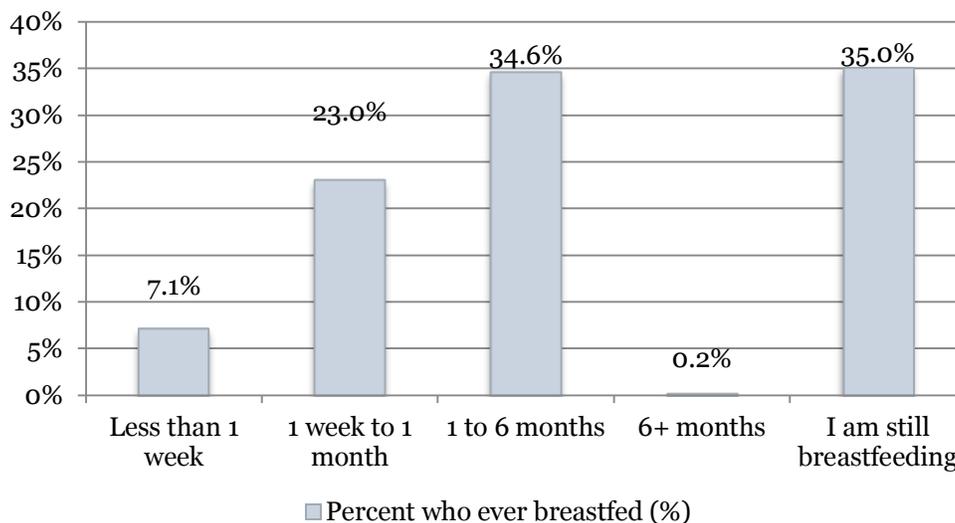
Ever breastfeed new baby



PRAMS asks (Q56):

How many weeks or months did you breastfeed or pump milk to feed your baby?

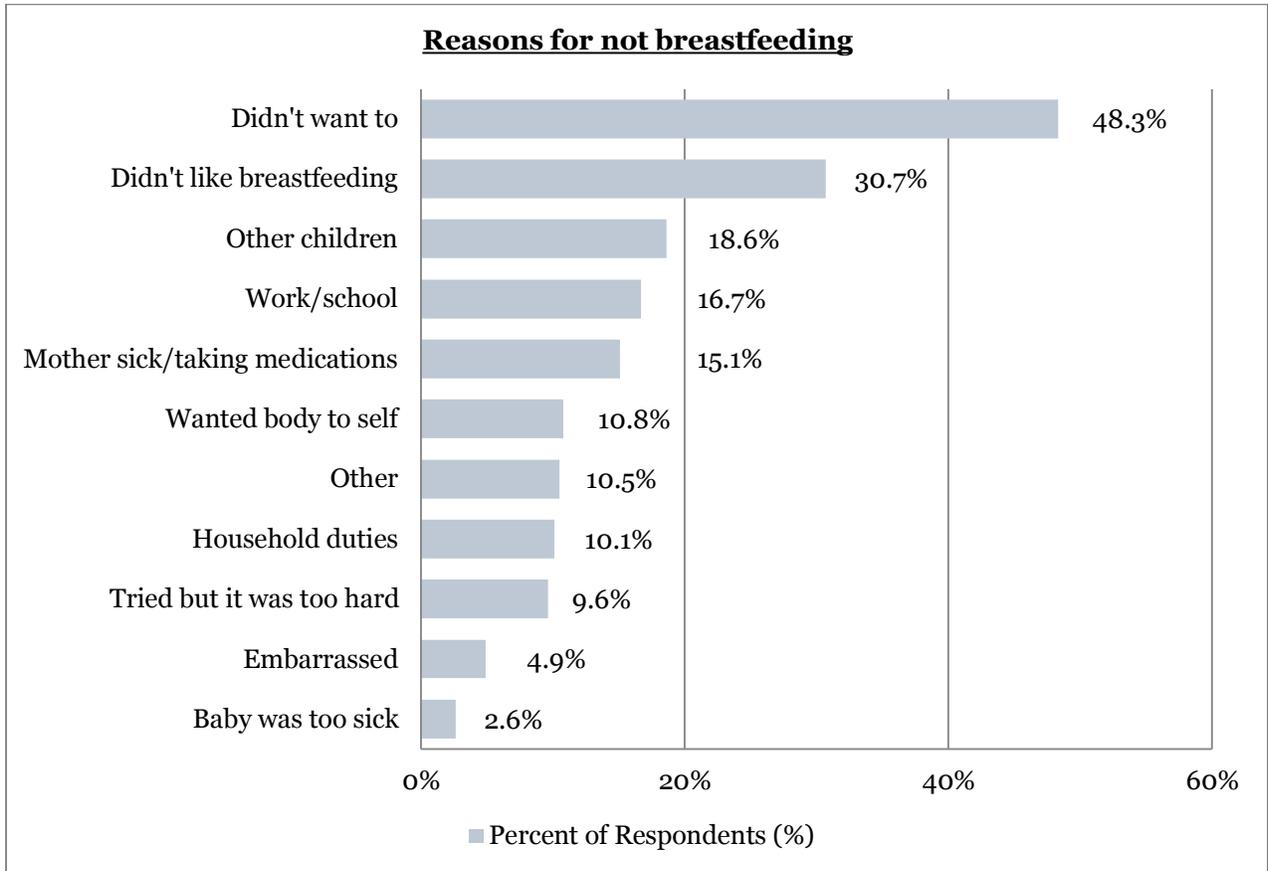
Length of time breastfed



Only 63% of women reported breastfeeding their infant any time after delivery. Although less than 1% of women reported breastfeeding at 6+ months, 35% of women reported still breastfeeding at the time of the interview.

PRAMS asks (Q54):

What were your reasons for not breastfeeding your new baby?

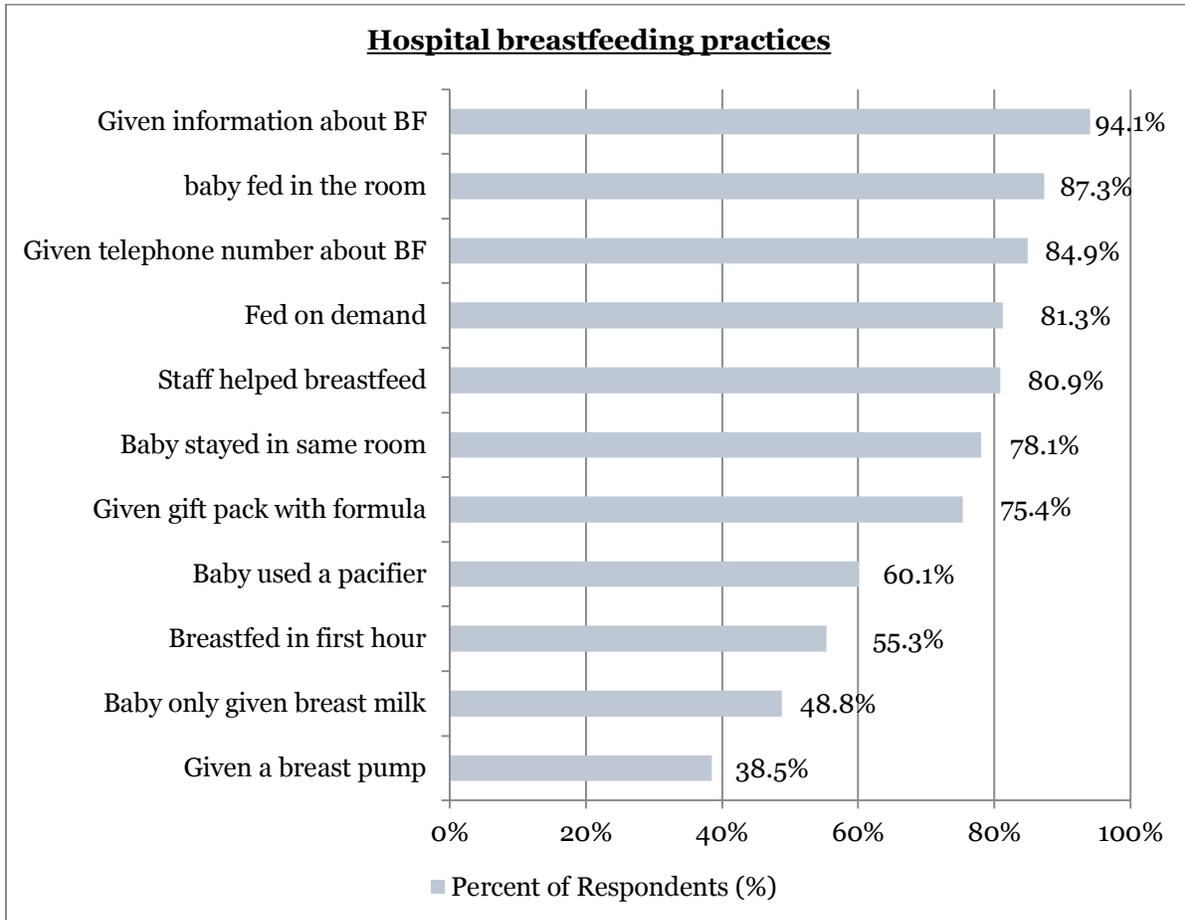


Of the mothers who chose not to breastfeed, most reported they did not want to (48%).

Hospital Practices to Promote Breastfeeding

PRAMS asks (Q57):

This question asks about things that may have happened at the hospital where your new baby was born. For each item, circle Y (Yes) if it happened or circle N (No) if it did not happen.

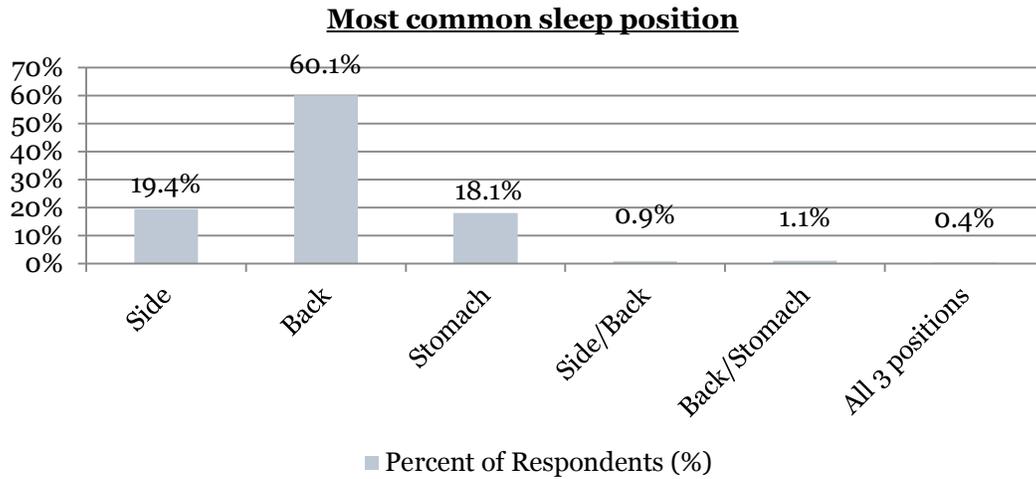


While in the hospital where their new baby was born, mothers were most likely to receive information about breastfeeding (94%) and feed the baby in their room (87%). However, they were least likely to be given a breast pump (39%) or feed their baby breast milk exclusively (49%).

Infant Sleep Behavior

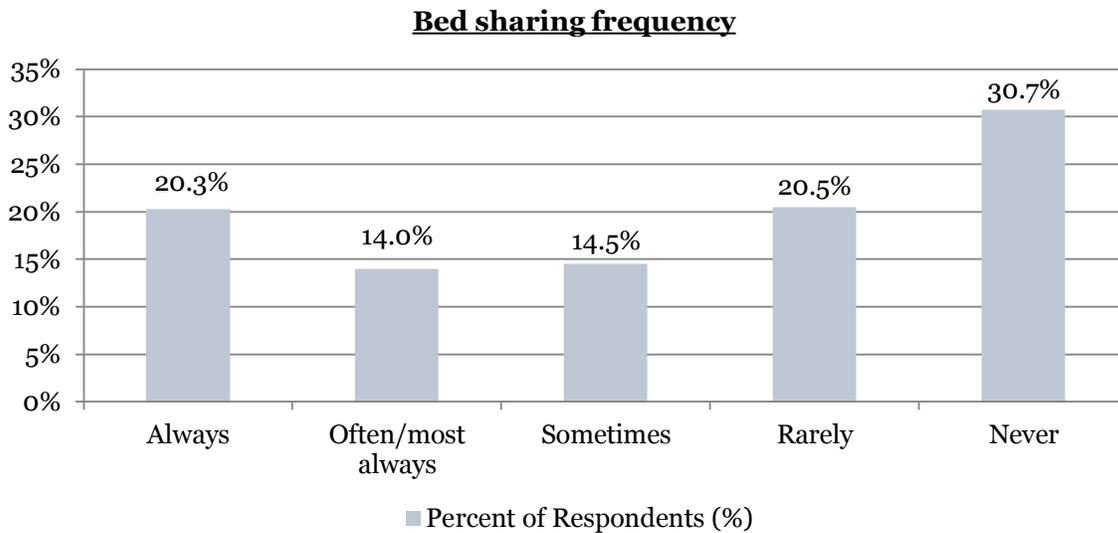
PRAMS asks (Q59):

In which *one* position do you *most often* lay your baby down to sleep now?



PRAMS asks (Q60):

How often does your new baby sleep in the same bed with you or anyone else?

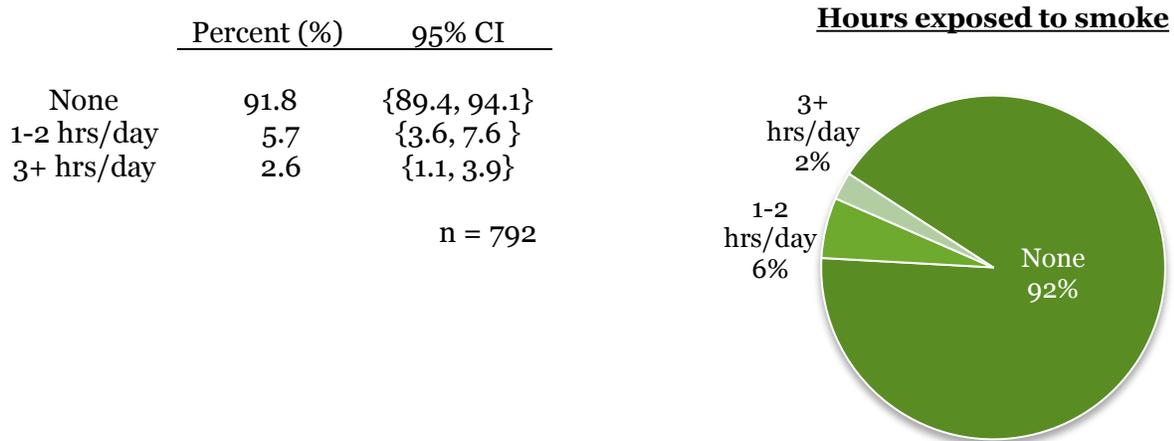


Over half (60%) of respondents reported that their new baby is put to sleep most often on his/her back. Although 31% of mothers responded that they *never* placed their baby in a bed with someone, 20% of mothers responded that their new baby *always* sleeps in the same bed with someone else.

Infant Safety Practices and Tobacco Smoke Exposure

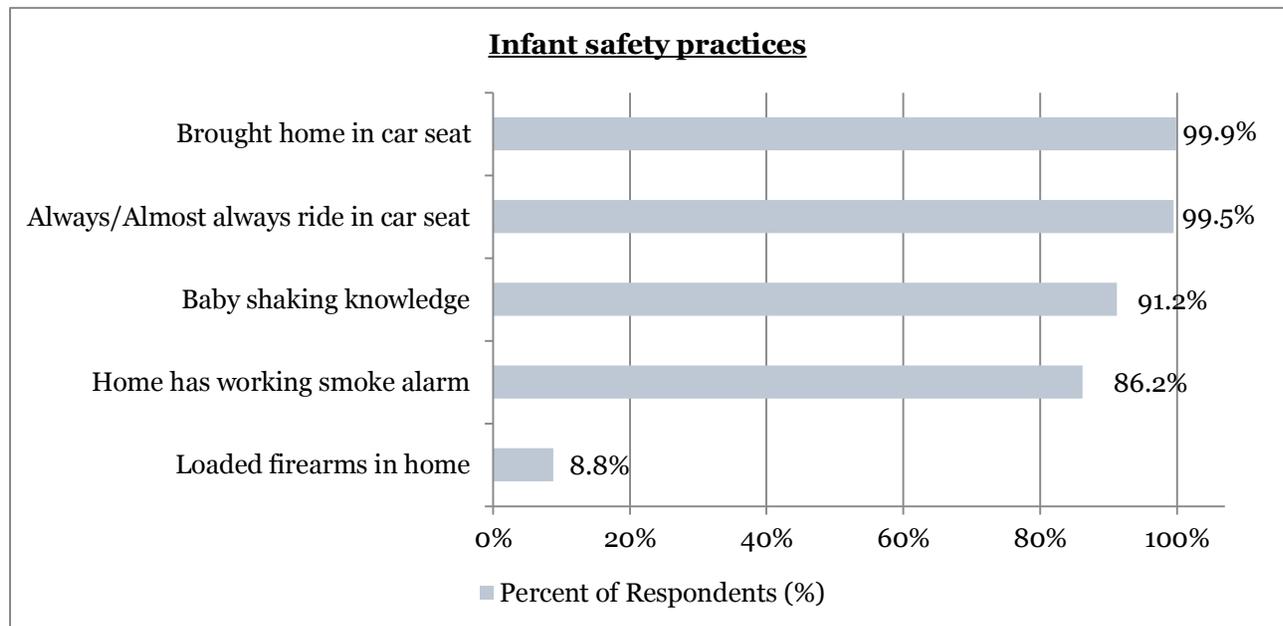
PRAMS asks (Q77):

About how many hours a day, on average, is your new baby in the same room with someone who is smoking?



PRAMS asks (Q72):

Listed below are some statements about safety.



8% of mothers responded that their new baby is exposed to smoke at least for an hour daily. On the other hand, most women practice safety precautions with their new baby including always or almost always placing them in a car seat when in a vehicle and owning a working smoke alarm in their home.

Infant Care and Supervision

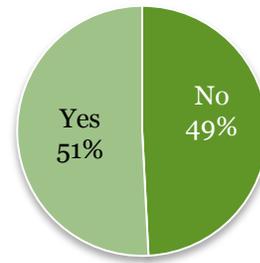
PRAMS asks (Q75):

Are you currently in school or working outside the home?

	Percent (%)	95% CI
No	49.2	{45.0, 53.4}
Yes	50.8	{46.5, 54.9}

n = 794

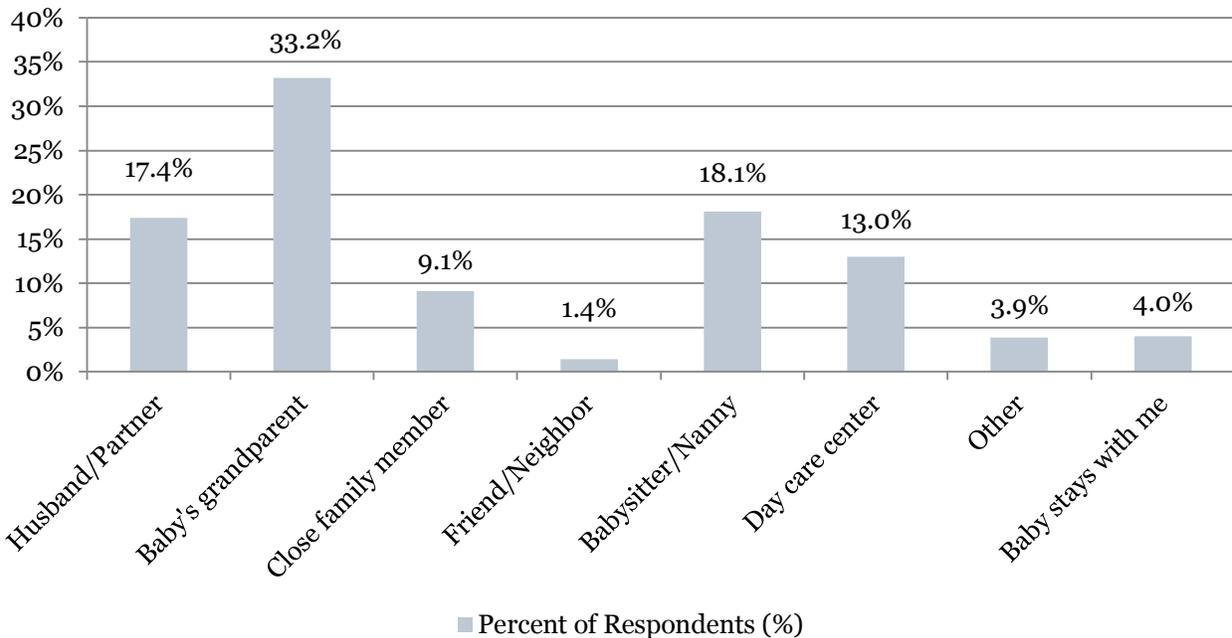
Currently working/in-school outside of home



PRAMS asks (Q76):

Which *one* of the following people spends the most time taking care of your new baby when you go to work or school?

Infant caregiver when parent at work



51% of mothers have returned to work or school outside of the home. One-third (33%) of them stated that the baby's grandparent is the single most frequent caregiver for the infant during this time.

Insurance and Income



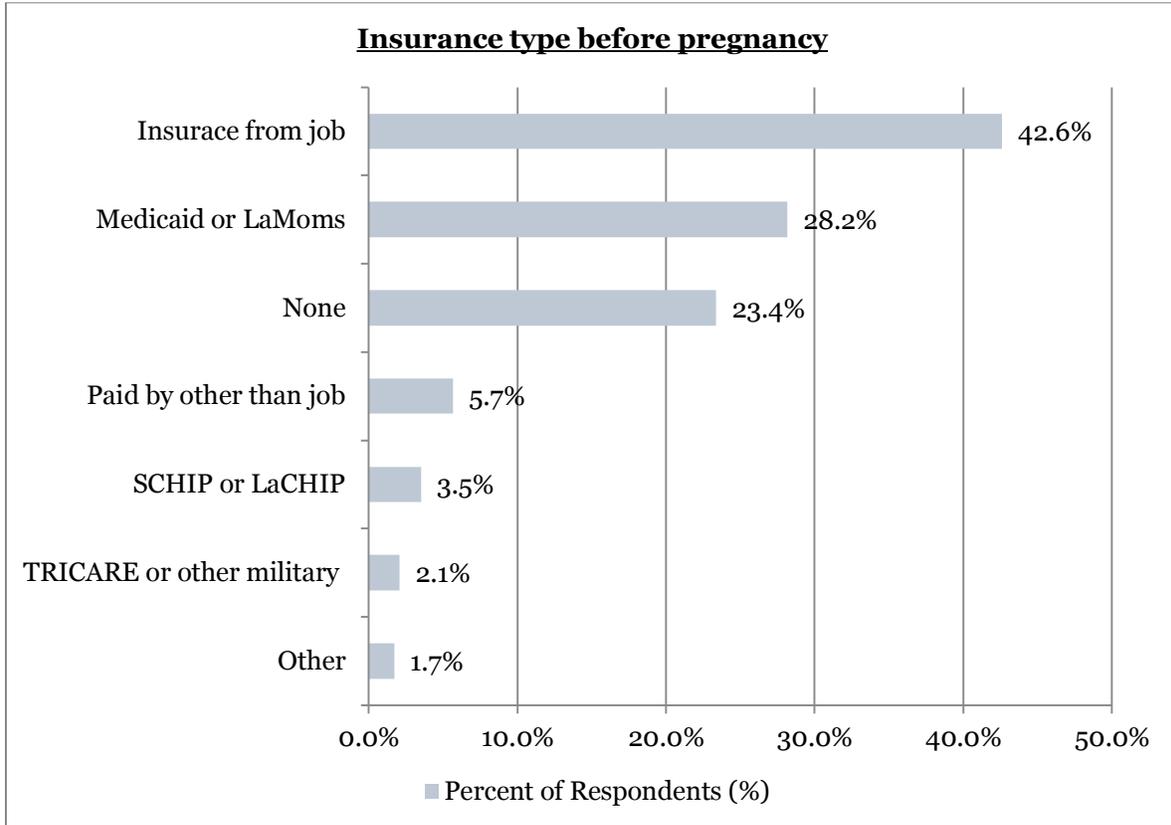
“I feel that I had a great outcome because I had insurance and access to healthcare”

LaPRAMS 2009 respondent

Insurance/Medicaid Use Prior to Pregnancy

PRAMS asks (Q2):

During the *month before* you got pregnant with your new baby, were you covered by any of these health insurance plans? (Check all that apply)

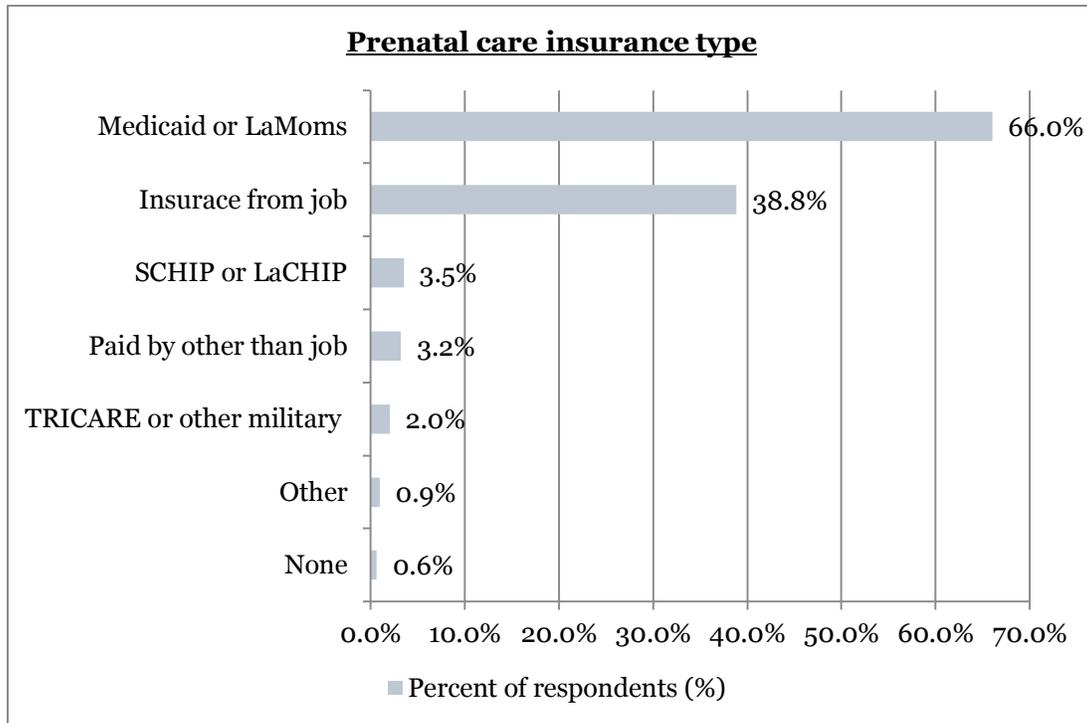


43% of women reported that the insurance type before pregnancy was mainly paid by their job or that of a husband, partner, or parents. While those who checked Medicaid or LaMoms were slightly less than the third of respondents (28%).

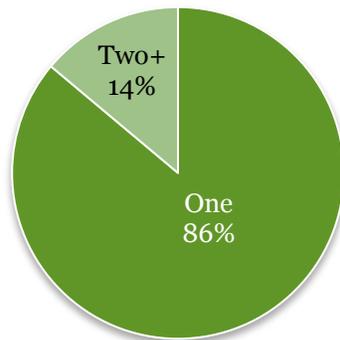
Insurance/Medicaid during Pregnancy and Delivery

PRAMS asks (Q23):

Did any of these health insurance plans help you pay for your *prenatal care*? (Check all that apply)



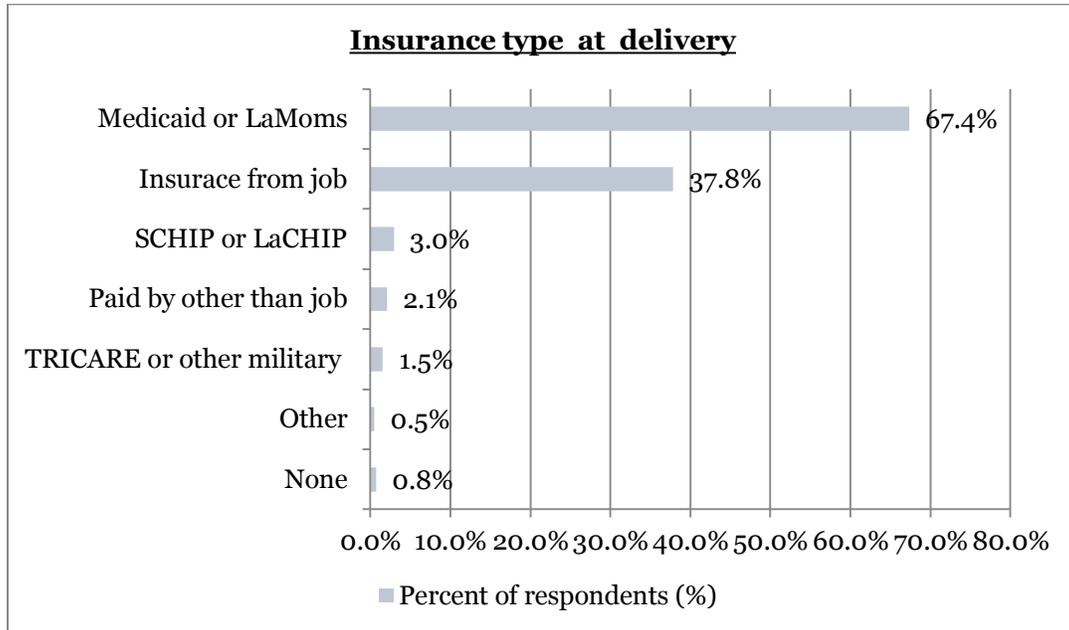
Number of sources for PNC



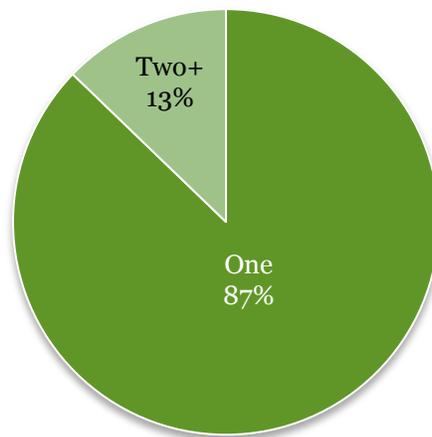
86% of women had one insurance plan paying for prenatal care; the majority (66%) was covered by Medicaid or LaMoms. While 39% had insurance coverage from a job.

PRAMS asks (Q48):

Did any of these health insurance plans help you pay for the *delivery* of your new baby? (Check all that apply)



Number of sources at delivery



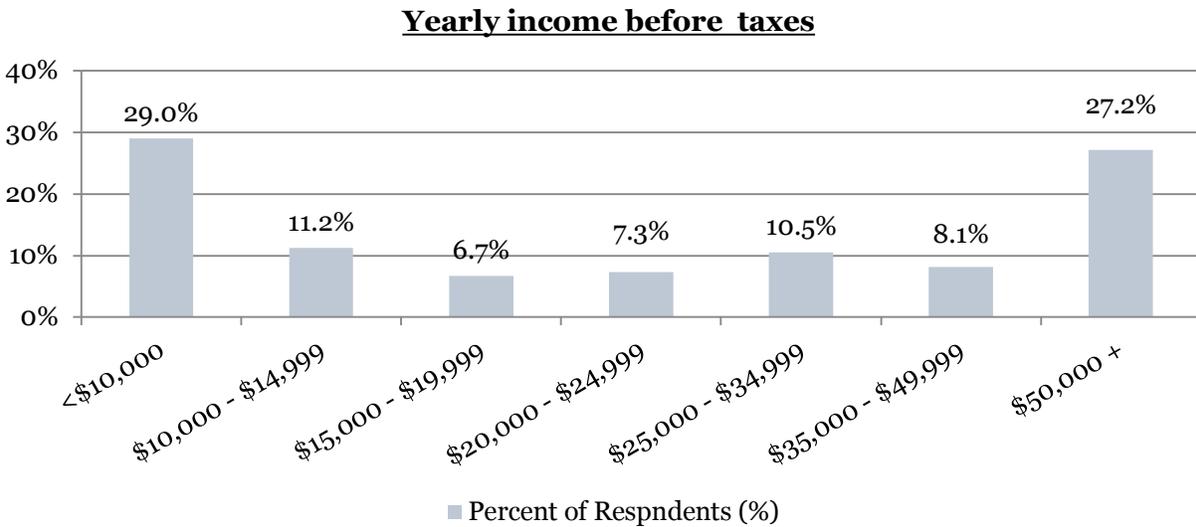
87% of mothers relied on only one source of insurance at delivery; the most common insurance plans used were Medicaid/LaMoms and Insurance from a job.

Income

PRAMS asks (Q78):

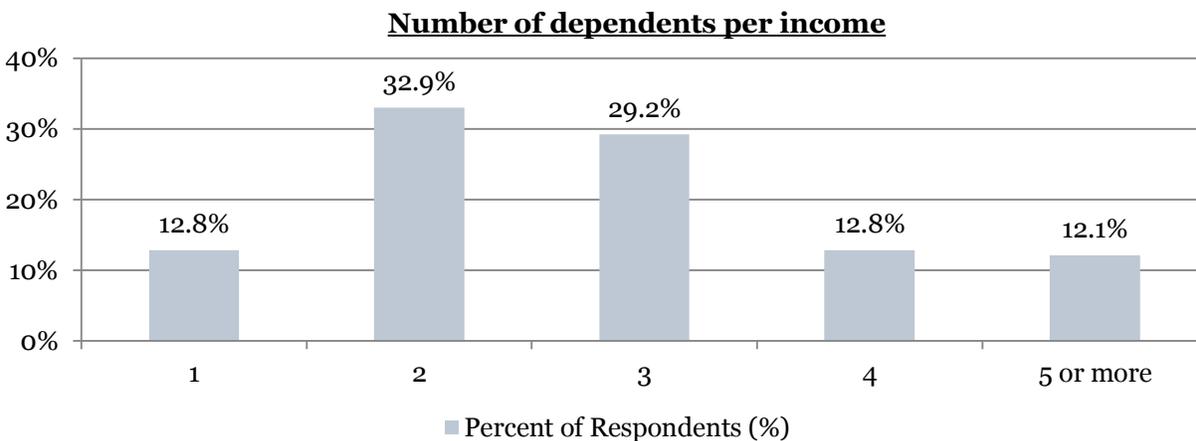
During the *12 months before* your new baby was born, what was your *yearly* total household income before taxes? Include your income, your husband's or partner's income, and any other income you may have received. Check one answer.

*Note: 8% (n=75) of all respondents did not answer this question.



PRAMS asks (Q72):

During the *12 months before* your new baby was born, how many people, *including yourself*, depended on this income?



Most women reported that their total household income before taxes was either less than \$10,000/yr (29%) or greater than \$50,000/yr (27.2%) with 2-3 people (62.1%), including themselves, depending on this income.

Appendix A: 2009 PRAMS Questionnaire

Please mark your answers. Follow the directions included with the questions. If no directions are presented, check the box next to your answer or fill in the blanks. Because not all questions will apply to everyone, you may be asked to skip certain questions.

BEFORE PREGNANCY

First, we would like to ask a few questions about *you* and the time *before* you got pregnant with your new baby.

1. At any time during the 12 months before you got pregnant with your new baby, did you do any of the following things? For each item, circle Y (Yes) if you did it or circle N (No) if you did not.

	No	Yes
a. I was dieting (changing my eating habits) to lose weight	N	Y
b. I was exercising 3 or more days of the week	N	Y
c. I was regularly taking prescription medicines other than birth control . . .	N	Y
d. I visited a health care worker to be checked or treated for diabetes. . . .	N	Y
e. I visited a health care worker to be checked or treated for high blood pressure.	N	Y
f. I visited a health care worker to be checked or treated for depression or anxiety	N	Y
g. I talked to a health care worker about my family medical history	N	Y
h. I had my teeth cleaned by a dentist or dental hygienist.	N	Y

2. During the *month before* you got pregnant with your new baby, were you covered by any of these health insurance plans?

Check all that apply

- Health insurance from your job or the job of your husband, partner, or parents
- Health insurance that you or someone else paid for (not from a job)
- Medicaid or LaMoms
- TRICARE or other military health care
- SCHIP or LaCHIP
- Other source(s) → Please tell us:

- I did not have any health insurance before I got pregnant

3. During the *month before* you got pregnant with your new baby, how many times a week did you take a multivitamin, a prenatal vitamin, or a folic acid vitamin?

- I didn't take a multivitamin, prenatal vitamin, or folic acid vitamin at all
 - 1 to 3 times a week
 - 4 to 6 times a week
 - Every day of the week
- Go to Page 2, Question 5

4. What were your reasons for not taking multivitamins, prenatal vitamins, or folic acid vitamins during the *month before* you got pregnant with your new baby?

Check all that apply

- I wasn't planning to get pregnant
- I didn't think I needed to take vitamins
- The vitamins were too expensive
- The vitamins gave me side effects (such as constipation)
- Other → Please tell us:

5. Just before you got pregnant with your new baby, how much did you weigh?

Pounds OR Kilos

6. How tall are you without shoes?

Feet Inches
OR Meters

7. What is your date of birth?

/ / 19
Month Day Year

8. Before you got pregnant with your new baby, did a doctor, nurse, or other health care worker talk with you about how to prepare for a healthy pregnancy and baby?

No → **Go to Question 10**
 Yes

Go to Question 9

9. Before you got pregnant with your new baby, did a doctor, nurse, or other health care worker talk with you about any of the things listed below? Please count only discussions, not reading materials or videos. For each item, circle Y (Yes) if someone talked with you about it or circle N (No) if no one talked with you about it.

	No	Yes
a. Taking vitamins with folic acid before pregnancy	N	Y
b. Being a healthy weight before pregnancy	N	Y
c. Getting my vaccines updated before pregnancy	N	Y
d. Visiting a dentist or dental hygienist before pregnancy	N	Y
e. Getting counseling for any genetic diseases that run in my family	N	Y
f. Controlling any medical conditions such as diabetes and high blood pressure	N	Y
g. Getting counseling or treatment for depression or anxiety	N	Y
h. The safety of using prescription or over-the-counter medicines during pregnancy	N	Y
i. How smoking during pregnancy can affect a baby	N	Y
j. How drinking alcohol during pregnancy can affect a baby	N	Y
k. How using illegal drugs during pregnancy can affect a baby	N	Y

10. Before you got pregnant with your new baby, were you ever told by a doctor, nurse, or other health care worker that you had Type 1 or Type 2 diabetes? This is not the same as gestational diabetes or diabetes that starts during pregnancy.

No
 Yes

11. Before you got pregnant with your new baby, did you ever have any other babies who were born alive?

- No → **Go to Question 14**
 Yes

12. Did the baby born just before your new one weigh more than 5 pounds, 8 ounces (2.5 kilos) at birth?

- No
 Yes

13. Was the baby just before your new one born more than 3 weeks before his or her due date?

- No
 Yes

The next questions are about the time when you got pregnant with your new baby.

14. Thinking back to just before you got pregnant with your new baby, how did you feel about becoming pregnant?

Check one answer

- I wanted to be pregnant sooner
 I wanted to be pregnant later
 I wanted to be pregnant then
 I didn't want to be pregnant then or at any time in the future

15. When you got pregnant with your new baby, were you trying to get pregnant?

- No
 Yes → **Go to Page 4, Question 18**

Go to Question 16

16. When you got pregnant with your new baby, were you or your husband or partner doing anything to keep from getting pregnant? (Some things people do to keep from getting pregnant include not having sex at certain times [natural family planning or rhythm] or withdrawal, and using birth control methods such as the pill, condoms, vaginal ring, IUD, having their tubes tied, or their partner having a vasectomy.)

- No
 Yes → **Go to Page 4, Question 18**

17. What were your reasons or your husband's or partner's reasons for not doing anything to keep from getting pregnant?

Check all that apply

- I didn't mind if I got pregnant
 I thought I could not get pregnant at that time
 I had side effects from the birth control method I was using
 I had problems getting birth control when I needed it
 I thought my husband or partner or I was sterile (could not get pregnant at all)
 My husband or partner didn't want to use anything
 Other → Please tell us:

11. Before you got pregnant with your new baby, did you ever have any other babies who were born alive?

- No
- Yes

Go to Question 14

12. Did the baby born just before your new one weigh more than 5 pounds, 8 ounces (2.5 kilos) at birth?

- No
- Yes

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- No
- Yes

Go to Page 4, Question 18

17. What were your reasons or your husband's or partner's reasons for not doing anything to keep from getting pregnant?

Check all that apply

- I didn't mind if I got pregnant
- I thought I could not get pregnant at that time
- I had side effects from the birth control method I was using
- I had problems getting birth control when I needed it
- I thought my husband or partner or I was sterile (could not get pregnant at all)
- My husband or partner didn't want to use anything
- Other → Please tell us:

DURING PREGNANCY

The next questions are about the prenatal care you received during your most recent pregnancy. Prenatal care includes visits to a doctor, nurse, or other health care worker before your baby was born to get checkups and advice about pregnancy. (It may help to look at the calendar when you answer these questions.)

18. How many weeks or months pregnant were you when you were *sure* you were pregnant? (For example, you had a pregnancy test or a doctor or nurse said you were pregnant.)

Weeks **OR** Months
 I don't remember

19. How many weeks or months pregnant were you when you had your first visit for prenatal care? Do not count a visit that was only for a pregnancy test or only for WIC (the Special Supplemental Nutrition Program for Women, Infants, and Children).

{ Weeks **OR** Months
 I didn't go for prenatal care → **Go to Question 21**

Go to Question 20

20. Did you get prenatal care as early in your pregnancy as you wanted?

No
 Yes → **Go to Question 22**

21. Did any of these things keep you from getting prenatal care at all or as early as you wanted? For each item, circle **T** (True) if it was a reason that you didn't get prenatal care when you wanted or circle **F** (False) if it was not a reason for you or if something does not apply to you.

	True	False
a. I couldn't get an appointment when I wanted one	T	F
b. I didn't have enough money or insurance to pay for my visits	T	F
c. I had no transportation to get to the clinic or doctor's office	T	F
d. The doctor or my health plan would not start care as early as I wanted	T	F
e. I had too many other things going on	T	F
f. I couldn't take time off from work or school	T	F
g. I didn't have my Medicaid or LaMoms card	T	F
h. I had no one to take care of my children	T	F
i. I didn't know that I was pregnant	T	F
j. I didn't want anyone else to know I was pregnant	T	F
k. I didn't want prenatal care	T	F

If you did not go for prenatal care, go to Page 6, Question 27.

22. Where did you go most of the time for your prenatal care visits? Do not include visits for WIC.

Check one answer

- Hospital clinic
- Health department clinic
- Private doctor's office or HMO clinic
- Other _____ → Please tell us:

23. Did any of these health insurance plans help you pay for your prenatal care?

Check all that apply

- Health insurance from your job or the job of your husband, partner, or parents
- Health insurance that you or someone else paid for (not from a job)
- Medicaid or LaMoms
- TRICARE or other military health care
- SCHIP or LaCHIP
- Other source(s) _____ → Please tell us:

- I did not have health insurance to help pay for my prenatal care

24. During any of your prenatal care visits, did a doctor, nurse, or other health care worker talk with you about any of the things listed below? Please count only discussions, not reading materials or videos. For each item, circle Y (Yes) if someone talked with you about it or circle N (No) if no one talked with you about it.

	No	Yes
a. How smoking during pregnancy could affect my baby.....	N	Y
b. Breastfeeding my baby.....	N	Y
c. How drinking alcohol during pregnancy could affect my baby.....	N	Y
d. Using a seat belt during my pregnancy.....	N	Y
e. Medicines that are safe to take during my pregnancy.....	N	Y
f. How using illegal drugs could affect my baby.....	N	Y
g. Doing tests to screen for birth defects or diseases that run in my family....	N	Y
h. The signs and symptoms of preterm labor (labor more than 3 weeks before the baby is due).....	N	Y
i. What to do if my labor starts early....	N	Y
j. Getting tested for HIV (the virus that causes AIDS).....	N	Y
k. What to do if I feel depressed during my pregnancy or after my baby is born.....	N	Y
l. Physical abuse to women by their husbands or partners.....	N	Y

25. During any of your prenatal care visits, did a doctor, nurse, or other health care worker ask you—

	No	Yes
a. How much alcohol you were drinking	N	Y
b. If someone was hurting you emotionally or physically	N	Y
c. If you were using illegal drugs (marijuana or hash, cocaine, crack, etc.)	N	Y
d. If you wanted to be tested for HIV (the virus that causes AIDS)	N	Y
e. If you planned to use birth control after your baby was born	N	Y

26. At any time during your most recent pregnancy or delivery, did you have a test for HIV (the virus that causes AIDS)?

- No
- Yes
- I don't know

27. Have you ever heard or read that taking a vitamin with folic acid can help prevent some birth defects?

- No
- Yes

28. During your most recent pregnancy, were you on WIC (the Special Supplemental Nutrition Program for Women, Infants, and Children)?

- No
- Yes

29. During your most recent pregnancy, were you told by a doctor, nurse, or other health care worker that you had gestational diabetes (diabetes that started during this pregnancy)?

- No
- Yes

30. Did you have any of the following problems during your most recent pregnancy? For each item, circle Y (Yes) if you had the problem or circle N (No) if you did not.

	No	Yes
a. Vaginal bleeding	N	Y
b. Kidney or bladder (urinary tract) infection	N	Y
c. <i>Severe</i> nausea, vomiting, or dehydration	N	Y
d. Cervix had to be sewn shut (cerclage for incompetent cervix)	N	Y
e. High blood pressure, hypertension (including pregnancy-induced hypertension [PIH]), preeclampsia, or toxemia	N	Y
f. Problems with the placenta (such as abruptio placentae or placenta previa)	N	Y
g. Labor pains more than 3 weeks before my baby was due (preterm or early labor)	N	Y
h. Water broke more than 3 weeks before my baby was due (premature rupture of membranes [PROM])	N	Y
i. I had to have a blood transfusion	N	Y
j. I was hurt in a car accident	N	Y

The next questions are about smoking cigarettes around the time of pregnancy (before, during, and after).

31. Have you smoked any cigarettes in the past 2 years?

- No → **Go to Question 36**
 Yes

32. In the 3 months before you got pregnant, how many cigarettes did you smoke on an average day? (A pack has 20 cigarettes.)

- 41 cigarettes or more
 21 to 40 cigarettes
 11 to 20 cigarettes
 6 to 10 cigarettes
 1 to 5 cigarettes
 Less than 1 cigarette
 I didn't smoke then

33. In the last 3 months of your pregnancy, how many cigarettes did you smoke on an average day? (A pack has 20 cigarettes.)

- 41 cigarettes or more
 21 to 40 cigarettes
 11 to 20 cigarettes
 6 to 10 cigarettes
 1 to 5 cigarettes
 Less than 1 cigarette
 I didn't smoke then

If you did not smoke during the 3 months before you got pregnant with your new baby, go to Question 35.

34. During any of your prenatal care visits, did a doctor, nurse, or other health care worker advise you to quit smoking?

- No
 Yes
 I had quit smoking before my first prenatal care visit
 I didn't go for prenatal care

35. How many cigarettes do you smoke on an average day now? (A pack has 20 cigarettes.)

- 41 cigarettes or more
 21 to 40 cigarettes
 11 to 20 cigarettes
 6 to 10 cigarettes
 1 to 5 cigarettes
 Less than 1 cigarette
 I don't smoke now

36. Which of the following statements best describes the rules about smoking inside your home now?

Check one answer

- No one is allowed to smoke anywhere inside my home
 Smoking is allowed in some rooms or at some times
 Smoking is permitted anywhere inside my home

The next questions are about drinking alcohol around the time of pregnancy (before, during, and after).

37. Have you had any alcoholic drinks in the past 2 years? A drink is 1 glass of wine, wine cooler, can or bottle of beer, shot of liquor, or mixed drink.

- No → **Go to Page 8, Question 40**
 Yes

Go to Page 8, Question 38a

38a. During the 3 months before you got pregnant, how many alcoholic drinks did you have in an average week?

- 14 drinks or more a week
- 7 to 13 drinks a week
- 4 to 6 drinks a week
- 1 to 3 drinks a week
- Less than 1 drink a week
- I didn't drink

then → **Go to Question 39a**

38b. During the 3 months before you got pregnant, how many times did you drink 4 alcoholic drinks or more in one sitting? A sitting is a two hour time span.

- 6 or more times
- 4 to 5 times
- 2 to 3 times
- 1 time
- I didn't have 4 drinks or more in 1 sitting

39a. During the last 3 months of your pregnancy, how many alcoholic drinks did you have in an average week?

- 14 drinks or more a week
- 7 to 13 drinks a week
- 4 to 6 drinks a week
- 1 to 3 drinks a week
- Less than 1 drink a week
- I didn't drink

then → **Go to Question 40**

39b. During the last 3 months of your pregnancy, how many times did you drink 4 alcoholic drinks or more in one sitting? A sitting is a two hour time span.

- 6 or more times
- 4 to 5 times
- 2 to 3 times
- 1 time
- I didn't have 4 drinks or more in 1 sitting

Pregnancy can be a difficult time for some women. The next questions are about things that may have happened before and during your most recent pregnancy.

40. This question is about things that may have happened during the 12 months before your new baby was born. For each item, circle Y (Yes) if it happened to you or circle N (No) if it did not. (It may help to look at the calendar when you answer these questions.)

	No	Yes
a. A close family member was very sick and had to go into the hospital	N	Y
b. I got separated or divorced from my husband or partner	N	Y
c. I moved to a new address	N	Y
d. I was homeless	N	Y
e. My husband or partner lost his job	N	Y
f. I lost my job even though I wanted to go on working	N	Y
g. I argued with my husband or partner more than usual	N	Y
h. My husband or partner said he didn't want me to be pregnant	N	Y
i. I had a lot of bills I couldn't pay	N	Y
j. I was in a physical fight	N	Y
k. My husband or partner or I went to jail	N	Y
l. Someone very close to me had a problem with drinking or drugs	N	Y
m. Someone very close to me died	N	Y

41. During the 12 months before your new baby was born, how often did you feel unsafe in the neighborhood where you lived?

- Always
- Often
- Sometimes
- Rarely
- Never

42. During the 12 months before you got pregnant with your new baby, did your husband or partner push, hit, slap, kick, choke, or physically hurt you in any other way?

- No
- Yes

43. During your most recent pregnancy, did your husband or partner push, hit, slap, kick, choke, or physically hurt you in any other way?

- No
- Yes

The next questions are about your labor and delivery. (It may help to look at the calendar when you answer these questions.)

44. When was your baby due?

/ / 20
Month Day Year

45. When did you go into the hospital to have your baby?

/ / 20
Month Day Year

- I didn't have my baby in a hospital

46. When was your baby born?

/ / 20
Month Day Year

47. When were you discharged from the hospital after your baby was born?

/ / 20
Month Day Year

- I didn't have my baby in a hospital

48. Did any of these health insurance plans help you pay for the delivery of your new baby?

Check all that apply

- Health insurance from your job or the job of your husband, partner, or parents
- Health insurance that you or someone else paid for (not from a job)
- Medicaid or LaMoms
- TRICARE or other military health care
- SCHIP or LaCHIP
- Other source(s) → Please tell us:
- I did not have health insurance to help pay for my delivery

AFTER PREGNANCY

The next questions are about the time since your new baby was born.

49. After your baby was born, was he or she put in an intensive care unit?

- No
- Yes
- I don't know

50. After your baby was born, how long did he or she stay in the hospital?

- Less than 24 hours (less than 1 day)
- 24 to 48 hours (1 to 2 days)
- 3 to 5 days
- 6 to 14 days
- More than 14 days
- My baby was not born in a hospital
- My baby is still in the hospital → **Go to Question 53**

51. Is your baby alive now?

- No → **Go to Page 12, Question 63**
- Yes

52. Is your baby living with you now?

- No → **Go to Page 12, Question 63**
- Yes

53. Did you ever breastfeed or pump breast milk to feed your new baby after delivery, even for a short period of time?

- No → **Go to Question 55**
- Yes

Go to Question 54

54. What were your reasons for not breastfeeding your new baby?

Check all that apply

- My baby was sick and was not able to breastfeed
- I was sick or on medicine
- I had other children to take care of
- I had too many household duties
- I didn't like breastfeeding
- I tried but it was too hard
- I didn't want to
- I was embarrassed to breastfeed
- I went back to work or school
- I wanted my body back to myself
- Other → Please tell us:

If you did not breastfeed your new baby, go to Question 58b.

55. Are you currently breastfeeding or feeding pumped milk to your new baby?

- No
- Yes → **Go to Question 57**

56. How many weeks or months did you breastfeed or pump milk to feed your baby?

- Weeks **OR** Months
- Less than 1 week

If your baby was not born in a hospital, go to Question 58a.

57. This question asks about things that may have happened at the hospital where your new baby was born. For each item, circle Y (Yes) if it happened or circle N (No) if it did not happen.

	No	Yes
a. Hospital staff gave me information about breastfeeding	N	Y
b. My baby stayed in the same room with me at the hospital	N	Y
c. I breastfed my baby in the hospital.	N	Y
d. I breastfed in the first hour after my baby was born.	N	Y
e. Hospital staff helped me learn how to breastfeed	N	Y
f. My baby was fed only breast milk at the hospital	N	Y
g. Hospital staff told me to breastfeed whenever my baby wanted	N	Y
h. The hospital gave me a breast pump to use	N	Y
i. The hospital gave me a gift pack with formula.	N	Y
j. The hospital gave me a telephone number to call for help with breastfeeding.	N	Y
k. My baby used a pacifier in the hospital	N	Y

58a. How old was your new baby the first time he or she drank liquids other than breast milk (such as formula, water, juice, tea, or cow's milk)?

_____ Weeks **OR** _____ Months

- My baby was less than 1 week old
- My baby has not had any liquids other than breast milk

58b. How old was your new baby the first time he or she ate food (such as baby cereal, baby food, or any other food)?

_____ Weeks **OR** _____ Months

- My baby was less than 1 week old
- My baby has not eaten any foods

If your baby is still in the hospital, go to Page 12, Question 63.

59. In which *one* position do you *most often* lay your baby down to sleep now?

Check one answer

- On his or her side
- On his or her back
- On his or her stomach

60. How often does your new baby sleep in the same bed with you or anyone else?

- Always
- Often
- Sometimes
- Rarely
- Never

61. Listed below are some things that describe how your new baby usually sleeps. For each item, circle T (True) if it usually applies to your baby or circle F (False) if it doesn't usually apply to your baby.

	True	False
a. My new baby sleeps in a crib or portable crib	T	F
b. My new baby sleeps on a firm or hard mattress	T	F
c. My new baby sleeps with pillows	T	F
d. My new baby sleeps with bumper pads	T	F
e. My new baby sleeps with plush blankets	T	F
f. My new baby sleeps with stuffed toys	T	F
g. My new baby sleeps with another person	T	F

62. Was your new baby seen by a doctor, nurse, or other health care worker for a one week check-up after he or she was born?

- No
- Yes

63. Are you or your husband or partner doing anything now to keep from getting pregnant? (Some things people do to keep from getting pregnant include not having sex at certain times [natural family planning or rhythm] or withdrawal, and using birth control methods such as the pill, condoms, vaginal ring, IUD, having their tubes tied, or their partner having a vasectomy.)

- No
- Yes

Go to Question 65

Go to Question 64

64. What are your reasons or your husband's or partner's reasons for not doing anything to keep from getting pregnant now?

Check all that apply

- I am not having sex
- I want to get pregnant
- I don't want to use birth control
- My husband or partner doesn't want to use anything
- I don't think I can get pregnant (sterile)
- I can't pay for birth control
- I am pregnant now
- Other _____ → Please tell us:

65. Below is a list of feelings and experiences that women sometimes have after childbirth. Read each item to determine how well it describes your feelings and experiences. Then, write on the line the number of the choice that best describes how often you have felt or experienced things this way since your new baby was born. Use the scale when answering:

1	2	3	4	5
Never	Rarely	Sometimes	Often	Always

- a. I felt down, depressed, or sad.
- b. I felt hopeless
- c. I felt slowed down
- d. I felt panicky
- e. I felt restless

OTHER EXPERIENCES

The next questions are on a variety of topics.

66. Which of the following statements best describes you during the 3 months before you got pregnant with your new baby?

Check one answer

- I was trying to get pregnant
- I was trying to keep from getting pregnant but was not trying very hard
- I was trying hard to keep from getting pregnant

67. Which of the following statements best describes your husband or partner during the 3 months before you got pregnant with your new baby?

Check one answer

- He wanted me to get pregnant
- He partly wanted me to get pregnant and partly wanted me not to get pregnant
- He didn't care one way or the other whether I got pregnant
- He didn't especially want me to get pregnant
- He wanted very much for me not to get pregnant

68. How would you describe the time during your most recent pregnancy?

Check one answer

- One of the happiest times of my life
- A happy time with few problems
- A moderately hard time
- A very hard time
- One of the worst times of my life

69. At any time during your most recent pregnancy or after delivery, did a doctor, nurse, or other health care worker talk with you about "baby blues" or postpartum depression?

- No
- Yes

70. This question is about the care of your teeth during your most recent pregnancy. For each item, circle Y (Yes) if it is true or circle N (No) if it is not true.

No Yes

- a. I needed to see a dentist for a problem N Y
- b. I went to a dentist or dental clinic. N Y
- c. A dental or other health care worker talked with me about how to care for my teeth and gums N Y

If your baby is not alive or is not living with you, go to Page 14, Question 78.

71. Have you ever heard or read about what can happen if a baby is shaken?

- No
- Yes

72. Listed below are some statements about safety. For each thing, circle Y (Yes) if it applies to you or circle N (No) if it does not.

No Yes

- a. My baby was brought home from the hospital in an infant car seat N Y
- b. My baby always or almost always rides in an infant car seat N Y
- c. My home has a working smoke alarm N Y
- d. There are **loaded** guns, rifles, or other firearms in my home N Y

73. When your new baby rides in a car, truck, or van, how often does he or she ride in an infant car seat?

- Always
- Often
- Sometimes
- Rarely
- Never → **Go to Question 75**

74. When your new baby rides in an infant car seat, is he or she *usually* facing forward or facing the rear of the car, truck or van?

- Facing forward
- Facing the rear

75. Are you currently in school or working outside the home?

- No, I don't work or go to school → **Go to Question 77**
- No, I'm on maternity leave, but plan to return to work → **Go to Question 77**
- Yes

76. Which *one* of the following people spends the most time taking care of your new baby when you go to work or school?

Check one answer

- My husband or partner
- Baby's grandparent
- Other close family member or relative
- Friend or neighbor
- Babysitter, nanny, or other child care provider
- Staff at day care center
- The baby is with me while I am at work or school
- Other → Please tell us:

77. About how many hours a day, on average, is your new baby in the same room or vehicle with someone who is smoking?

- Hours
- Less than 1 hour a day
 - My baby is never in the same room or vehicle with someone who is smoking

The last questions are about the time during the *12 months before* your new baby was born.

78. During the *12 months before* your new baby was born, what was your yearly total household income before taxes? Include your income, your husband's or partner's income, and any other income you may have received. (All information will be kept private and will not affect any services you are now getting.)

- Less than \$10,000
- \$10,000 to \$14,999
- \$15,000 to \$19,999
- \$20,000 to \$24,999
- \$25,000 to \$34,999
- \$35,000 to \$49,999
- \$50,000 or more

79. During the *12 months before* your new baby was born, how many people, including yourself, depended on this income?

People

80. What is today's date?

/ / 20
Month Day Year

Appendix B: Subgroup Analyses

Q1: Possessed Insurance or Medicaid Coverage during the month prior pregnancy

	% Insurance	95%CI	%Medicaid	95%CI	%Neither	95%CI
Total	46.8	42.7, 50.8	29.1	25.2, 32.9	24.1	20.6, 27.6
White	59.0	53.7, 64.1	17.8	13.6, 21.9	23.2	18.8, 27.6
Black	31.3	24.7, 37.8	45.4	38.1, 52.6	23.2	17.1, 29.2
Other	40.4	26.6, 54.0	24.2	11.9, 36.4	35.4	21.7, 49.0
<20	18.7	10.0, 27.3	71.1	60.9, 81.2	10.2	3.4, 16.8
20-29	43.8	38.4, 49.1	23.8	18.9, 28.5	32.4	27.3, 37.5
30+	71.6	64.3, 78.8	11.6	6.0, 17.0	16.8	10.8, 22.8
<HS	17.5	10.0, 24.8	60.8	51.2, 70.2	21.8	13.7, 29.7
HS	31.1	24.2, 37.9	36.4	29.0, 43.7	32.5	25.5, 39.4
>HS	72.2	67.1, 77.1	8.8	5.5, 11.9	19.1	14.7, 23.4
Married	71.9	66.6, 77.1	8.6	4.9, 12.2	19.5	15.0, 23.9
Other	24.5	19.4, 29.4	47.2	41.3, 53.1	28.3	23.0, 33.6
LBW	41.4	30.5, 52.2	42.6	31.3, 53.8	16.0	8.6, 23.3
NBW	47.5	43.0, 51.8	27.4	23.2, 31.4	25.2	21.3, 28.9

Q3: Multivitamin use at least 4 times a week during the month prior to pregnancy

	% Multivitamin	95% CI
Total	30.4	26.7, 34.0
White	36.3	31.3, 41.2
Black	22.3	16.4, 28.1
Other	31.6	19.4, 43.7
<20	22.5	13.1, 31.9
20-29	25.1	20.6, 29.5
30+	41.9	34.4, 49.3
<HS	26.4	18.0, 34.7
HS	21.7	15.8, 27.6
>HS	39.1	33.7, 44.4
Married	40.1	34.7, 45.5
Other	22.1	17.3, 26.8
Medicaid at Preconception	26.5	19.3, 33.6
Medicaid at Delivery	23.6	19.3, 27.9
Neither	43.0	36.4, 49.4
LBW	33.8	23.6, 44.0
NBW	30.0	26.0, 33.8

	% Prior LBW	95% CI	% Prior PTB	95%CI
Total	12.5	8.7, 16.1	17.8	13.5, 22.0
White	9.1	4.9, 13.1	17.3	11.7, 22.8
Black	17.7	10.5, 24.8	17.4	10.2, 24.4
Other	8.4	0.0, 18.8	23.1	8.0, 38.2
<20	21.9	0.0, 47.2	31.0	1.9, 60.0
20-29	11.9	7.2, 16.6	16.8	11.2, 22.2
30+	12.4	6.3, 18.5	19.5	12.3, 26.5
<HS	8.9	1.8, 16.0	22.2	10.6, 33.6
HS	13.9	6.9, 20.8	16.4	9.2, 23.5
>HS	12.9	7.6, 18.0	17.2	11.4, 22.8
Married	10.1	5.6, 14.5	16.6	11.2, 21.8
Other	15.3	9.2, 21.4	19.3	12.5, 26.0
Medicaid at Preconception	13.9	6.1, 21.5	18.7	10.0, 27.3
Medicaid at Delivery	13.5	8.7, 18.2	18.6	13.1, 24.0
Neither	8.2	3.3, 13.0	16.1	9.4, 22.8
LBW	28.6	15.1, 41.9	47.0	31.9, 62.1
NBW	10.5	6.7, 14.2	14.3	10.0, 18.5

	% Unintended	95%CI	%Trying	95%CI
Total	55.4	51.4, 59.3	32.7	32.7
White	47.3	42.0, 52.4	41.3	36.1, 46.4
Black	68.0	61.4, 74.6	18.9	13.4, 24.3
Other	47.7	34.5, 60.7	43.5	30.3, 56.6
<20	77.7	68.2, 87.0	16.1	7.8, 24.4
20-29	55.6	50.3, 60.8	32.0	27.1, 36.9
30+	40.5	32.9, 48.0	44.0	36.4, 51.6
<HS	64.0	54.9, 72.9	25.4	17.1, 33.5
HS	62.8	55.7, 69.8	23.1	16.9, 29.2
>HS	45.4	39.9, 50.8	43.5	38.0, 48.9
Married	38.3	32.9, 43.7	51.4	45.8, 57.0
Other	70.0	64.7, 75.2	16.2	11.9, 20.4
Medicaid at Preconception	72.4	64.9, 79.7	16.0	9.9, 22.0
Medicaid at Delivery	66.5	61.6, 71.2	19.1	15.1, 23.1
Neither	32.1	25.7, 38.4	59.9	53.3, 66.5
LBW	63.2	52.9, 73.3	34.9	24.5, 45.1
NBW	54.4	50.1, 58.7	32.4	28.4, 36.4

	% Using any form of contraception at time of conception¹	95%CI
Total	45.0	39.9, 50.1
White	44.2	37.2, 51.1
Black	45.4	37.2, 53.5
Other	47.1	29.5, 64.6
<20	49.7	36.5, 62.7
20-29	43.4	36.8, 50.0
30+	47.0	36.3, 57.5
<HS	33.4	22.9, 43.7
HS	48.3	39.5, 57.1
>HS	49.3	41.7, 56.7
Married	45.7	37.5, 53.8
Other	44.6	38.0, 51.1
Medicaid at Preconception	47.2	37.9, 56.3
Medicaid at Delivery	44.8	38.9, 50.6
Neither	45.7	34.7, 56.5
LBW	40.4	25.9, 54.7
NBW	45.6	40.1, 51.0

¹ Among couple not trying to become pregnant

	% Prenatal Care 1st trimester	95%CI
Total	83.6	80.4, 86.7
White	89.0	85.6, 92.2
Black	75.0	68.6, 81.3
Other	89.2	81.0, 97.3
<20	73.9	63.7, 83.9
20-29	84.4	80.3, 88.4
30+	88.6	83.2, 93.9
<HS	78.1	70.1, 86.0
HS	74.5	67.8, 81.0
>HS	93.0	90.1, 95.8
Married	90.7	87.2, 94.2
Other	77.3	72.3, 82.3
Medicaid at Preconception	73.4	65.9, 80.8
Medicaid at Delivery	78.3	73.9, 82.6
Neither	94.3	90.7, 97.8
LBW	83.7	75.2, 92.1
NBW	83.6	80.2, 87.0

	% Prenatal Care	95%CI
Total	79.4528	76.0, 82.8
White	84.5	80.7, 88.3
Black	70.9	64.2, 77.5
Other	85.4	76.4, 94.2
<20	70.3	59.5, 81.0
20-29	80.2	75.8, 84.5
30+	85.2	79.8, 90.5
<HS	75.0	66.6, 83.3
HS	74.4	67.7, 81.0
>HS	85.2	81.2, 89.1
Married	86.2	82.2, 90.1
Other	73.4	68.1, 78.6
Medicaid at Preconception	72.9	65.3, 80.5
Medicaid at Delivery	74.1	69.5, 78.7
Neither	91.8	88.1, 95.4
LBW	79.2	70.1, 88.3
NBW	79.5	75.8, 83.1

Q22: Source of Prenatal Care

	% Hospital	95%CI	%Health Dept.	95%CI	%M.D.	95%CI	%Other	95%CI
Total	23.6	20.0, 27.1	5.5	3.5, 7.5	67.1	63.2, 71.0	3.7	2.1, 5.2
White	16.7	12.7, 20.6	3.0	1.0, 4.9	77.1	72.6, 81.5	3.2	1.3, 5.0
Black	32.3	25.4, 39.2	7.5	3.7, 11.3	56.3	49.0, 63.5	3.8	0.9, 6.7
Other	29.2	17.1, 41.2	12.7	3.0, 22.3	51.9	38.6, 65.2	6.2	0.0, 12.8
<20	36.2	24.8, 47.4	13.2	5.4, 20.9	43.4	31.8, 54.9	7.2	1.1, 13.1
20-29	24.4	19.7, 29.1	4.7	2.2, 7.0	67.4	62.3, 72.5	3.5	1.4, 5.4
30+	14.1	8.6, 19.5	3.2	0.0, 6.4	81.1	74.8, 87.2	1.7	0.0, 3.4
<HS	38.9	29.2, 48.4	8.4	2.8, 13.9	47.0	37.2, 56.7	5.7	1.3, 10.1
HS	22.5	16.1, 28.7	8.8	4.5, 13.0	62.8	55.5, 70.0	5.9	2.3, 9.4
>HS	17.6	13.3, 21.8	1.9	0.2, 3.4	79.3	74.7, 83.7	1.2	0.1, 2.2
Married	18.5	14.0, 23.0	1.2	0.0, 2.6	76.4	71.4, 81.2	3.9	1.6, 6.0
Other	28.3	22.8, 33.6	9.4	5.9, 2.9	58.7	52.8, 64.5	3.6	1.3, 5.8
Medicaid at Preconception	32.8	24.7, 40.8	10.9	5.7, 16.0	49.7	41.1, 58.1	6.6	2.2, 11.0
Medicaid at Delivery	25.7	21.0, 30.2	8.4	5.4, 11.3	61.6	56.4, 66.6	4.4	2.2, 6.5
Neither	18.0	12.6, 23.3	0.0	0.0, 0.06	79.5	73.9, 85.0	2.5	0.3, 4.5
LBW	24.1	14.1, 34.1	4.0	0.0, 8.3	67.3	56.5, 78.0	4.6	0.1, 9.0
NBW	23.6	19.7, 27.3	5.7	3.5, 7.8	67.1	62.9, 71.3	3.6	1.9, 5.2

	% HIV Test	95%CI
Total	78.3	74.6, 81.8
White	77.7	72.9, 82.3
Black	80.4	74.3, 86.5
Other	71.7	59.1, 84.2
<20	75.6	65.1, 85.9
20-29	78.5	73.7, 83.2
30+	79.3	72.6, 85.9
<HS	84.0	76.5, 91.5
HS	74.7	67.7, 81.5
>HS	78.1	73.1, 83.0
Married	72.8	67.3, 78.2
Other	82.8	78.0, 87.6
Medicaid at Preconception	81.1	74.0, 88.1
Medicaid at Delivery	80.3	75.8, 84.7
Neither	73.7	67.3, 80.1
LBW	74.5	63.9, 85.0
NBW	78.7	74.8, 82.5

Q31, Q32, Q37 & Q38a: Cigarette and Alcohol use 3 months prior to pregnancy

	%Smoke Cigarettes	95%CI	%Drink Alcohol	95%CI
Total	31.0	27.2, 34.7	52.6	48.5, 56.6
White	44.7	39.5, 49.9	66.2	61.2, 71.1
Black	13.9	8.7, 19.0	36.2	29.3, 43.1
Other	21.3	10.4, 32.1	40.7	27.7, 53.6
<20	38.8	27.7, 49.7	37.8	26.9, 48.7
20-29	32.1	27.2, 37.0	54.4	49.0, 59.7
30+	24.0	17.3, 30.5	58.8	51.1, 66.4
<HS	45.5	35.8, 55.1	34.2	25.0, 43.3
HS	33.4	26.6, 40.1	50.4	43.0, 57.8
>HS	22.5	17.9, 27.0	62.6	57.2, 67.9
Married	27.8	22.7, 32.8	58.3	52.6, 63.8
Other	34.0	28.4, 39.4	47.5	41.6, 53.3
Medicaid at Preconception	37.0	29.0, 45.0	40.0	31.8, 48.1
Medicaid at Delivery	36.3	31.4, 41.1	47.7	42.5, 52.7
Neither	19.9	14.5, 25.3	63.9	57.3, 70.4
LBW	28.4	18.2, 38.5	42.1	31.2, 52.9
NBW	31.3	27.2, 35.2	53.9	49.5, 58.2

	% Ever breastfeed	95%CI
Total	62.7	58.6, 66.7
White	70.2	65.3, 75.1
Black	48.1	40.7, 55.4
Other	81.1	70.4, 91.7
<20	45.8	34.0, 57.5
20-29	61.7	56.3, 67.0
30+	75.6	69.0, 82.2
<HS	42.3	32.7, 51.8
HS	58.4	50.9, 65.9
>HS	75.7	70.8, 80.6
Married	77.9	73.1, 82.7
Other	49.2	43.1, 55.1
Medicaid at Preconception	41.3	32.9, 49.5
Medicaid at Delivery	54.7	49.4, 59.9
Neither	81.1	75.6, 86.5
LBW	55.0	42.9, 67.0
NBW	63.5	59.2, 67.8

Q59, Q60, Q62: Well baby check-up and current sleeping practices

	% Well baby check- up 1st week	95%CI	%Engage in "Back Sleep"	95%CI	% Never Bed Sharing	95%CI
Total	95.5	93.8, 97.1	60.1	56.0, 64.2	30.7	26.9, 34.4
White	95.1	92.8, 97.4	64.7	59.5, 69.7	41.9	36.6, 47.1
Black	95.8	92.9, 98.6	53.9	46.4, 61.3	12.1	7.2, 16.9
Other	96.7	92.2, 100.0	59.8	46.2, 73.3	40.8	27.3, 54.2
<20	96.3	92.2, 100.0	50.4	38.6, 62.1	14.7	7.0, 22.4
20-29	95.5	93.3, 97.6	59.9	54.4, 65.2	32.9	27.8, 37.9
30+	95.8	92.6, 98.8	63.6	56.0, 71.2	33.7	26.3, 41.0
<HS	94.4	89.9, 98.7	53.7	43.8, 63.4	25.7	17.3, 33.9
HS	97.8	95.7, 99.8	53.7	46.0, 61.3	30.9	23.9, 37.8
>HS	94.3	91.6, 96.9	68.2	62.9, 73.4	32.7	27.4, 37.8
Married	95.1	92.6, 97.5	67.6	62.2, 72.9	39.7	34.1, 45.2
Other	95.9	93.5, 98.1	53.6	47.6, 59.6	22.4	17.5, 27.3
Medicaid at Preconception	96.3	93.0, 99.4	53.6	45.0, 62.1	20.8	14.0, 27.5
Medicaid at Delivery	94.6	92.3, 96.8	56.0	50.7, 61.2	25.6	21.0, 30.0
Neither	97.2	94.9, 99.4	68.4	61.9, 74.8	40.2	33.6, 46.8
LBW	99.4	98.9, 99.8	51.6	39.3, 63.8	28.9	18.2, 39.5
NBW	95.1	93.2, 96.9	61.1	56.7, 65.4	30.9	26.8, 34.8

	% No Postpartum Contraception	95%CI
Total	13.3	10.4, 16.0
White	11.9	8.4, 15.3
Black	13.3	8.3, 18.2
Other	22.0	10.8, 33.0
<20	19.3	10.0, 28.6
20-29	10.1	6.9, 13.2
30+	14.5	9.1, 19.8
<HS	17.3	9.8, 24.6
HS	12.0	7.3, 16.7
>HS	12.3	8.6, 16.0
Married	12.4	8.7, 16.0
Other	14.1	9.9, 18.2
Medicaid at Preconception	14.7	8.6, 20.7
Medicaid at Delivery	13.6	10.1, 17.1
Neither	12.0	7.5, 16.3
LBW	19.2	10.6, 27.6
NBW	12.6	9.6, 15.5

Q70: Maternal dental care during pregnancy

	% Needed a dentist	95%CI	% Went to a dentist	95%CI	% Spoke to a dentist	95%CI
Total	31.0	27.1, 34.9	40.8	36.7, 44.8	42.9	38.7, 46.9
White	29.7	24.8, 34.4	45.4	40.1, 50.5	41.1	35.8, 46.2
Black	36.4	29.2, 43.5	36.2	29.0, 43.3	45.5	38.0, 52.8
Other	15.9	6.2, 25.5	32.7	20.1, 45.1	43.7	30.2, 57.0
<20	35.3	24.1, 46.4	38.1	26.8, 49.2	54.5	42.8, 66.0
20-29	30.9	25.7, 35.9	35.6	30.4, 40.7	41.4	36.0, 46.6
30+	30.6	23.2, 37.8	54.8	47.0, 62.4	39.5	31.8, 47.1
<HS	37.1	27.5, 46.5	33.3	24.1, 42.5	48.5	38.7, 58.3
HS	36.7	29.4, 43.9	36.1	28.8, 43.3	40.2	32.7, 47.6
>HS	23.8	18.9, 28.6	48.0	42.4, 53.5	42.5	36.9, 48.0
Married	28.4	23.1, 33.5	48.0	42.3, 53.6	42.7	37.0, 48.3
Other	33.3	27.6, 38.9	34.4	28.7, 40.1	43.2	37.2, 49.1
Medicaid at Preconception	34.2	26.1, 42.2	36.5	28.1, 44.7	45.6	37.1, 53.9
Medicaid at Delivery	36.4	31.4, 41.4	36.0	31.0, 41.0	41.2	36.0, 46.2
Neither	19.4	13.8, 24.8	50.4	43.5, 57.1	46.0	39.1, 52.7
LBW	37.9	26.6, 49.2	39.5	28.3, 50.5	47.9	36.2, 59.5
NBW	30.3	26.1, 34.3	41.0	36.6, 45.3	42.3	37.9, 46.6

Q72b/c & Q77: Infant health and safety precautions

	% Ride in Infant Car Seat	95%CI	% Home has Smoke Alarm	95%CI	% Infant Exposed to Tobacco Smoke	95%CI
Total	99.8	99.4, 100.0	86.1	83.1, 89.1	8.2	5.8, 10.5
White	100.0	99.9, 100.0	87.3	83.6, 90.9	8.7	5.5, 11.7
Black	99.5	98.5, 100.0	84.7	79.2, 90.0	8.5	4.1, 12.8
Other	100.0	100.0,100. 0	85.4	75.1, 95.6	4.4	0.0, 9.2
<20	99.9	99.7, 100.0	68.4	57.3, 79.4	11.2	3.7, 18.6
20-29	99.7	99.0, 100.0	88.4	84.9, 91.8	8.2	5.0, 11.3
30+	100.0	99.9, 100.0	90.7	85.7, 95.6	6.3	2.6, 9.8
<HS	100.0	99.9, 100.0	75.5	66.7, 84.1	12.5	5.7, 19.2
HS	100.0	99.9, 100.0	87.1	82.0, 92.0	9.2	4.7, 13.5
>HS	99.6	98.8, 100.0	90.4	86.9, 93.7	5.6	3.0, 8.1
Married	100.0	99.9, 100.0	88.5	84.7, 92.3	5.2	2.4, 7.9
Other	99.6	98.9, 100.0	84.0	79.4, 88.4	11.0	7.2, 14.7
Medicaid at Preconception	99.3	98.0, 100.0	82.4	75.7, 88.9	13.0	6.9, 19.0
Medicaid at Delivery	99.7	99.1, 100.0	83.6	79.6, 87.5	10.4	7.1, 13.6
Neither	100.0	99.9, 100.0	91.0	86.8, 95.0	3.4	0.9, 5.9
LBW	97.8	94.1, 100.0	87.0	78.2, 95.7	6.5	0.0, 12.9
NBW	100.0	100.0,100. 0	86.1	82.9, 89.2	8.4	5.8, 10.9

Appendix C: 2008 Response Rates

Stratum	% Responding (Unweighted)	% Responding (Weighted)
Very Low Birth Weight, Urban	53.1	53.1
Very Low Birth Weight, Rural	51.9	52.0
Low/Normal Birth Weight, Urban	49.2	49.1
Low/Normal Birth Weight, Rural	56.6	56.6
Overall	52.7	52.6

Characteristic	#Sampled	Respondents	% Response (Unweighted)	% Response (Weighted)
Overall	1792	944	52.7	52.6
White	791	492	62.2	61.0
Black	854	380	44.5	42.9
Other	143	71	49.7	48.8
<20	278	139	50.0	51.1
20-29	1072	534	49.8	49.7
30+	442	271	61.3	60.4
<HS	428	191	44.6	42.8
HS	589	286	48.6	49.3
>HS	771	466	60.4	59.8
Married	742	449	60.5	60.1
Other	1045	494	47.3	46.6
No prev. live births	807	442	54.8	55.3
1+ prev. live births	980	501	51.1	50.8
Hispanic	94	44	46.8	46.4
Non- Hispanic	1693	898	53.0	53.1